

### DEPARTMENT OF THE AIR FORCE AIR FORCE MATERIEL COMMAND WRIGHT-PATTERSON AIR FORCE BASE OHI

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REMEDIAL RESPONSE BR. 2
2 Septemberemental FACILITIES

EPA Region 5 Records Ctr.

**MEMORANDUM FOR:** 

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FROM: 88 ABW/CEVO

**Building 89** 

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SUBJECT: Final Long-Term Monitoring Report: October 2004

Attached are the replacement pages for the Final Long-Term Monitoring (LTM) Report for October 2004, for your files. Please update the Draft version of the report you currently have. If you have any questions please call me at (937) 257-6391.

Treva Bashore LTM Project Manager Environmental Management Division

Attachments: LTM Report

cc:

TechLaw Inc. (Ms. Kristi Hogan)

**Final** 



**REPORT: October 2004** 

## LONG-TERM MONITORING PROGRAM

### Submitted to:

**Wright-Patterson Air Force Base** 88th Air Base Wing **Environmental Management Division** Wright-Patterson Air Force Base, Ohio

Prepared by:

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September 2, 2005

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- B1 OU1 Groundwater Purge Logs October and Sample Collection Logs July/October
- B2 OU1 Landfill Gas Monitoring Field Logs July/September
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### C OU1 Analytical Data and Chain of Custody Records

- C1 OU1 Groundwater Analytical Data (Detects Only) July/October
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- **D** OU5 Water Level Monitoring Field Logs May, June, July, August, September and October (Located on the attached Field Forms CD)
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### **List of Attachments**

Long-Term Groundwater Monitoring Report: October 2004 WPAFB; Laboratory Analytical Reports on CD

Long-Term Groundwater Monitoring Report: October 2004 WPAFB; Field Forms on CD

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# **List of Acronyms**

ASTM American Society for Testing and Materials

bgs below ground surface
BMP Basewide Monitoring Plan

BS Burial Site

BTEX benzene, toluene, ethylbenzene and total xylene

C Celsius

CGI combustible gas indicator
CHP Central Heating Plant
CofC chain of custody
COCs chemicals of concern
1,2-DCA 1,2-Dichloroethane
1,2-DCE 1,2-Dichloroethene
DO dissolved oxygen

EE/CA Engineering Evaluation/Cost Analysis

EFDZ Earthfill Disposal Zone ES Engineering-Science, Inc.

EW extraction well

FAA-A Further Action Area-A FAA-B Further Action Area-B

FP Field Procedure
FS Feasibility Study
FTA Fire Training Area
GBT gas barrier trench
GLTS Gravel Lake Tank Site

GWOU Groundwater Operable Unit GWTS groundwater treatment system IRP Installation Restoration Program

IT IT Corporation

LEL lower explosive limit

LFG landfill gas
LF Landfill

LNAPL light, non-aqueous phase liquid hydrocarbons

LTM long-term monitoring

MCL Maximum Contaminant Level MS/MSD matrix spike/matrix spike duplicate

MTBE methyl tertiary-butyl ether

μg/L micrograms per liter

μS/cm microSiemens per centimeter
NPDES National Pollutant Discharge Elimination System

NTU Nephelometric Turbidity Unit O&M Operation and Maintenance ORP oxidation reduction potential

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# **List of Acronyms (continued)**

OU Operable Unit

PCB polychlorinated biphenyls

PCE tetrachloroethene

PID photoionization detector POL petroleum, oil and lubricant

PWP Project Work Plan
QA quality assurance
QC quality control

RI Remedial Investigation ROD Record of Decision SI Site Investigation

SP Spill Site

SPMP System Performance Monitoring Plan

STL Severn Trent Laboratories

SVOC semivolatile organic compounds

TCE trichloroethene

TVH total volatile hydrocarbon STL Severn Trent Laboratories

USEPA U.S. Environmental Protection Agency

VOA volatile organic aromatics VOC volatile organic compound

WPAFB Wright-Patterson Air Force Base

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### 1.0 Introduction

This document presents the results of quarterly field activities conducted in July 2004 and quarterly, semiannual, and annual field activities conducted in September and October 2004 under the continuing long-term monitoring (LTM) program at Wright-Patterson Air Force Base (WPAFB), Ohio. The continuing quarterly, semiannual, and annual LTM program field activities consist of the following tasks:

- Annual groundwater monitoring in accordance with the Record of Decision (ROD) at Landfills 8 and 10 [Operable Unit (OU) 1];
- Quarterly soil gas, groundwater level, and effluent monitoring at OU1.
- Monthly hydraulic containment monitoring at Landfill 5 (OU5);
- Quarterly Operation and Maintenance (O&M) landfill gas monitoring at Landfills 3, 4, 6, and 7 (OU4);
- Semiannual monitoring in accordance with the ROD at Spill Sites 2, 3, and 10 (OU2);
- Semiannual volatile organic compound (VOC) monitoring in accordance with the continued Basewide LTM program for groundwater removal actions.

Each chapter contains a discussion of the various tasks, which include methods of data collection, variances from approved procedures based on field conditions, sampling results, and an evaluation of the results.

Each of the above tasks is presented in a unique chapter that can be extracted from the compendium. With the exception of OU1 and OU2, which have separate RODs, all groundwater monitoring tasks are ultimately evaluated together under the Groundwater Operable Unit (GWOU) for all of WPAFB (Chapter 7.0). OUs 1 and 2 are discussed individually in Chapters 2 and 5, respectively. The GWOU was established under the Basewide Monitoring Plan (BMP) to provide a comprehensive method for monitoring and evaluating the individual source areas (OUs), plume migration, and the natural attenuation of contaminants.

#### 1.1 WPAFB Location

WPAFB is located in southwestern Ohio, between the cities of Dayton and Fairborn, and occupies portions of Greene and Montgomery Counties (Figure 1-1). WPAFB is subdivided into

three areas: A, B, and C, (Figure 1-2). The installation was formed as a consolidation of two bases: Wright Field (Area B) and Patterson Field (Areas A and C). Area B is separated from Areas A and C by State Route 444 and the ConRail Corporation railroad tracks. Areas A and C encompass approximately 5,711 acres and Area B encompasses approximately 2,800 acres.

### 1.2 WPAFB GWOU Background Information

WPAFB has grouped all confirmed or suspected sites requiring investigation and characterization into 11 geographically based source operable units (designated OUs 1 through 11) and one basewide groundwater operable unit (Figures 1-3 and 1-4). Groundwater, surface water, and sediment contaminants from each of the 11 OUs and groundwater contaminants that are not attributable to a known source on WPAFB are combined to form the GWOU for remedial activities under the BMP. Because of groundwater movement patterns under WPAFB, contaminants from one source area may be transported through others, commingling contaminants and finally moving into remote portions of the Base. The BMP was established to evaluate contaminant movement, assess risks posed to human health and the environment by exposure to the contaminants, and design a remedy for groundwater throughout the Base (IT Corporation [IT], 1999a).

The GWOU is defined by three boundaries: an upper boundary, a lower boundary, and horizontal boundaries. The upper boundary consists of the water table surface, including the vertical zone of seasonal water table fluctuations. The lower boundary is the first occurrence of bedrock, which is at the base of the alluvial aquifer. The horizontal boundaries are the confines of WPAFB and also include the surrounding areas affected by off-site migration of contaminants from WPAFB.

### 1.3 Purpose and Objectives

The LTM program tasks are performed in accordance with the individual sampling programs that were previously being conducted concurrently at WPAFB. These sampling programs are summarized in the *Long-Term Groundwater Monitoring Report: October 1998* (IT, 1999b). Field activities were conducted in accordance with the criteria specified in the Installation Restoration Program (IRP), Project Work Plan for Remedial Investigations and Feasibility Studies at WPAFB (Engineering Science [ES], 1990).

Data collected as part of the LTM will form a data set to be used to evaluate trends in the organic and inorganic chemicals of concern (COCs) in groundwater and to evaluate the progress of ongoing remedial actions throughout WPAFB. Specific objectives of the LTM program are:

- Provide data to monitor past detections of inorganic COCs above the Maximum Contaminant Levels (MCLs) at WPAFB that do not appear to form congruent contaminant plumes.
- Provide data to monitor areas of WPAFB where groundwater concentrations of VOCs exceed MCLs.
- Provide monitoring data in accordance with the recommended action for Further Action Area-B (FAA-B) [vinyl chloride contaminated site adjacent to the drum storage facility at Building 92, Area B, and east of Spill Site (SP) 11] to evaluate current conditions. Sampling will be conducted annually.
- Provide monitoring data to verify the progress of ongoing remedial efforts in accordance with the RODs for OU1 and OU2.
- Provide methane monitoring at OU4 to evaluate the progress of the selected remedy in accordance with the OU4 Landfill Gas Monitoring Technical Memorandum (CH2M HILL, 1998).
- Provide monthly groundwater elevations and semiannual groundwater quality data for monitoring downgradient of OU5 [Further Action Area-A (FAA-A)] to evaluate the horizontal and vertical groundwater flow and capture zones and, ultimately, the effectiveness of the extraction system.

### 1.4 Basewide Monitoring Program

Numerous groundwater contamination investigations have been undertaken at WPAFB. A synopsis of environmental studies performed on the Base as a whole and those performed on specific OUs can be found in Table 2-1 of the *Final Engineering Evaluation/Cost Analysis* (EE/CA) Groundwater Basewide Monitoring Program (IT, 1999a). Expanded discussions of the results of these studies are provided in other documents that delineate the extent of contamination at the different OUs. As such, the COC sources and likely pathways for contaminant migration are well defined.

The EE/CA was prepared to determine groundwater remedial actions under the BMP. It evaluated reasonable remedial action alternatives for the GWOU that would be protective of human health and environment by mitigating groundwater contamination. Based on a

comparative evaluation of the alternatives presented in the EE/CA and/or GWOU ROD, the following actions were recommended:

- Area C, FAA-A: Continue current groundwater treatment, discharge to surface water, monitoring, and restrictive regulations. Provide monthly groundwater elevations and semi-annual groundwater quality data for monitoring downgradient of OU5 (FAA-A) to evaluate the horizontal and vertical groundwater flow and capture zones and, ultimately, to evaluate the effectiveness of the extraction system. A treatability study consisting of a chemical oxidation pilot-test at EW-1 was conducted during the spring of 2000.
- Area B, FAA-B: Continue annual groundwater monitoring to monitor for the
  potential migration of VOC contamination. A treatability study consisting of a
  chemical oxidation pilot-test was conducted during the fall of 1999. It was
  determined that the source area was above the water table and could not be
  remediated with Fenton's Reagent. Soil excavation was recommended. In
  October 2000, approximately 200 cubic yards of soil, located within the fence line of
  Facility 92, was removed. Additional long-term monitoring was implemented to
  observe the effects of the remedial action.

In addition to the alternatives presented above for the two further action areas (FAA-A and FAA-B), long-term monitoring was recommended for other areas on Base, including those areas that:

- Have existing remedies in place (OU1 and OU2);
- Exceed MCLs for organic COCs, but do not exceed the target risk range;
- Exceed a cumulative cancer risk of 1 x 10<sup>-4</sup> or a hazard index of 1 for organic COCs, but do not exceed MCLs; and
- Exceed MCLs and background concentrations for inorganic COCs
- Site Investigation (SI) areas where LTM has been recommended (former Buildings 79 and 95 Complex, and former Building 59).

The LTM program is being conducted in these areas to: (1) confirm that the conclusions drawn in the EE/CA are valid; (2) ensure that appropriate actions can be implemented if monitoring indicates that organic COCs are migrating; and (3) confirm that the stated remedial action objectives are met.

The Baseline sampling round for the Basewide LTM was conducted in April 1998 under the BMP and is considered the GWOU baseline data set for VOCs and metals. Data from

subsequent sampling rounds has been compared to the LTM Baseline data to establish trends. Data from the Baseline sampling event was presented in the *Final Long-Term Groundwater Monitoring Baseline Report, Basewide Monitoring Program* (IT, 1999c). Wells selected for Baseline sampling were recommended in the EE/CA, with the exception of the wells that were being monitored under existing sampling programs associated with remedial actions in OU1, OU2, and OU5.

### 1.5 Organization of the LTM October 2004 Report

Monitoring procedures, results, and data evaluation for the July, and September/October 2004 Basewide LTM program monitoring events are presented in the following chapters.

- Chapter 2 describes the quarterly and annual sampling and monitoring conducted in accordance with the ROD for Landfills 8 and 10 (OU1). Activities conducted as part of the OU1 ROD requirements include quarterly treatment system effluent sampling, quarterly landfill gas and hydraulic containment monitoring, and annual monitoring well sampling. Chapter 2 also presents a summary of the sampling results, a discussion of the landfill gas monitoring results, a description of the hydraulic containment monitoring results, and an evaluation of the performance of the OU1 remediation system.
- Chapter 3 describes the hydraulic containment monitoring being conducted at OU5. Monthly groundwater level elevations provide a continuous evaluation of the extraction system and the hydraulic flow conditions at OU5.
- Chapter 4 describes the landfill gas monitoring activities at OU4, including a summary of the scope of work and site description/history, monitoring procedures, and monitoring results.
- Chapter 5 presents the field activities and the analytical results from the semi-annual sampling conducted at OU2 under the ROD for Spill Sites 2, 3, and 10. Field activities consisted of soil gas monitoring and groundwater sampling. Also presented is an overview of the natural attenuation of petroleum hydrocarbons being monitored at OU2.
- Chapter 6 describes the Basewide LTM groundwater monitoring activities. Included in this section is a presentation of the semiannual groundwater sampling results.
- Chapter 7 presents an evaluation of the Basewide LTM groundwater analytical results.
- Chapter 8 provides a list of the references used throughout the document.

- Appendix A presents summaries of OU1, OU2, LTM field procedures, and brief site histories for areas where previous site investigations occurred.
- Appendices B through J present field forms or analytical data.

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# 2.0 Record of Decision (ROD) Sampling at Landfills 8 and 10 (OU1)

Chapter 2 presents the results of the quarterly monitoring and annual remedial action groundwater sampling for OU1 at WPAFB, Ohio, conducted during the reporting period of July through October 2004. Quarterly monitoring was conducted in July and September 2004 and remedial action groundwater sampling was conducted in October 2004. In addition, quarterly sampling of the leachate collection system discharge line was conducted in July and October 2004, to comply with the conditions specified in the City of Fairborn sewer discharge permit.

### 2.1 Introduction

The LTM program at OU1 was initiated in accordance with the Record of Decision for Source Control Operable Unit - Landfills 8 and 10 (LFs 8 and 10) (WPAFB, 1993), the OU1 Final Operations and Maintenance (O&M) Plan (Kelchner, 1997) and the Amendment to the OU1 System Performance Monitoring Plan (SPMP) (IT, 2000a). The information presented in this report is the result of fieldwork conducted as part of the O&M and Performance Monitoring Plans. A description of LFs 8 and 10 is summarized in the Final Long-Term Groundwater Monitoring Report: October 1998 (IT, 1999b); the landfill site vicinity is depicted in Figure 2-1. The sampling frequency and the schedule for OU1 wells are defined in Table A1-1 of Appendix A1. Figures 2-2 and 2-3 present the locations of the selected perimeter monitoring wells at LFs 8 and 10, respectively.

The OU1 monitoring program includes quarterly monitoring of landfill gas (methane) and groundwater levels, annual compliance groundwater sampling and annual remedial action groundwater sampling. The objectives of the OU1 monitoring programs are presented in Appendix A2. Overall, data collected as part of the OU1 LTM program will form a data set to be used to evaluate the progress of the ongoing remedial efforts at OU1 and determine whether the selected remedy identified in the ROD is protective of human health and the environment. In addition, to further evaluate the elevated VOC concentrations detected in the soil vapor sample collected from soil vapor monitoring point LF08-MP013 (Figure 2-4), groundwater samples have been collected from this point semiannually since May 2002. However, during the October 2004 event, LF08-MP013 was dry and a groundwater sample could not be collected.

### 2.2 OU1 Remedial Action Groundwater Sampling

The annual OU1 remedial action groundwater sampling event was conducted from October 4 through October 20, 2004. Samples were collected and analyzed for VOCs, semivolatile organic

compounds (SVOCs), pesticides/polychlorinated biphenyls (PCBs), total metals, dioxin/furans, ammonia and cyanide in accordance with the procedures presented in Section 6.3.2 of the OU1 Final O&M Plan (Kelchner, 1997). Analytical parameters, collection frequency, and sample handling criteria for the OU1 sampling events are presented in Table A2-1 of Appendix A2. Groundwater sample handling and management, field quality assurance samples, and analytical methods are also presented in Appendix A2.

### 2.2.1 Groundwater Sampling Procedures

The majority of monitoring wells were purged and sampled with dedicated bladder (pneumatic) pumps using the micropurge method. Procedures and sampling criteria for the micropurge method are described in detail in Appendix A2. Wells with insufficient water columns for dedicated pumps were hand bailed with a disposable Teflon<sup>®</sup> bailer, in accordance with Field Procedure (FP) 5-6 and Section 6.3.1 of the OU1 Final O&M Plan (Kelchner, 1997). However, monitoring wells 01-DM-102S-M, LF10-MW07B, LF10-MW102 and LF10-MW104 were dry and, therefore, no samples were collected during the October 2004 sampling event.

During purging, groundwater quality was considered representative of the surrounding geologic formation when the field parameters had stabilized. The monitoring well purge logs for sample collection are presented in Appendix B1 on the enclosed Field Forms CD. Field parameters measured just prior to sampling are presented in Table 2-1.

## 2.3 OU1 Landfill Gas Monitoring

The permanent OU1 landfill gas monitoring probes, punchbar monitoring points, and LF10 gas barrier trench (GBT) are monitored quarterly in accordance with the OU1 Source Control ROD (WPAFB, 1993). Landfill gas monitoring is performed to determine the effectiveness of the vapor collection system in establishing a capture zone that extends outside the landfill boundaries. The existing landfill gas monitoring probes and permanent punchbar locations at LFs 8 and 10 are located within the surrounding Base residential property lines to monitor for potentially migrating landfill gas (Figures 2-4 and 2-5, respectively). In addition to the monitoring probes and punchbar locations, the GBT, located east of LF10, is monitored (Figure 2-5). A complete description of the landfill gas monitoring procedures is presented in Appendix A2.

### 2.4 Effluent Collection System Monitoring

To comply with the conditions specified in the City of Fairborn sewer discharge permit, one effluent sample per quarter is collected from the discharge line of the effluent collection system.

Sampling procedures, analytical parameters and handling criteria for the leachate collection system discharge line sample are presented in Appendix A2.

In addition to reporting the quarterly effluent analytical data to the City of Fairborn Water Projects Coordinator, this data is also presented semiannually in the April LTM report and this document (Appendix C3).

### 2.5 OU1 Remedial Action Groundwater Analytical Data

The following sections summarize the analytical results from the October 2004 Remedial Action Groundwater sampling event at LFs 8 and 10. Table 2-2 presents the laboratory detection limits for the October 2004 sampling event and the compliance levels established in the OU1 Source Control ROD (WPAFB, 1993). The MCLs are also provided for information purposes. Appendix C contains analytical data presented in a "detects only" format and the chain of custody (CofC) records for the OU1 samples. Full analytical reports, including case narratives, are provided on the enclosed Analytical Data CD.

#### 2.5.1 Landfill 8

Tables 2-3 through 2-7 present the LF8 analytical data summaries for VOCs, SVOCs, dioxins, pesticides/PCBs and, total metals, ammonia and cyanide (inorganics), respectively. In addition to the October 2004 sampling results, data from previous sampling events have been included in the tables for comparison. Figure 2-6 presents the concentrations of the detected organic COCs at LF8 for October 2004, with concentrations exceeding MCLs and/or ROD compliance levels denoted in red. As seen in Figure 2-6 an area of VOC concentrations exceeding the MCL for vinyl chloride exists in the vicinity of the east end of Dupont Way. In addition, benzene and chloroform were also detected in wells at the east end of Dupont Way at concentrations that exceed the ROD compliance levels but are below the MCLs.

Concentrations of the detected inorganic parameters are presented on Figure 2-7. As seen in the figure, arsenic is the only parameter that has been detected in concentrations exceeding a MCL and/or the compliance level. Arsenic has historically been detected above the MCL and/or compliance level at several LF8 locations (Table 2-7).

#### 2.5.2 Landfill 10

Tables 2-8 through 2-12 present the LF10 analytical data summaries for VOCs, SVOCs, dioxins, pesticides/PCBs, and inorganics, respectively. In addition to the October 2004 analytical results,

data from previous sampling events have also been included. Figure 2-8 presents the concentrations of the detected organic COCs for the October 2004 sampling event at LF10. Concentrations exceeding MCLs and/or ROD compliance levels denoted in red. As seen in Figure 2-8, only wells LF10-MW09B and -MW09C had detected concentrations exceeding the ROD compliance level. Vinyl chloride and benzene were detected at concentrations above the compliance level, but below the MCL.

Concentrations of the detected inorganic parameters are presented on Figure 2-9. As seen in the figure, arsenic is the only parameter that has been detected in concentrations exceeding the MCL and/or ROD compliance level. Arsenic has previously been detected above the MCL and/or ROD compliance level at several LF10 locations (Table-2-12).

### 2.5.3 Effluent Collection System Sample

Quarterly sampling of the OU1 effluent collection system discharge line was conducted in July and October 2004. Quarterly samples were analyzed for VOCs, total metals, oil and grease, total suspended solids, chemical oxygen demand, and pH. All concentrations of the detected parameters were below City of Fairborn requirements. Analytical results for the July and October 2004 effluent samples are presented in Appendix C1 in "detects only" format and in the City of Fairborn letter report (Appendix C3). Full analytical reports, including case narratives, are provided on the enclosed Analytical Data CD.

### 2.6 OU1 Landfill Gas Monitoring

The following section presents an overview of the OU1 landfill gas monitoring conducted July 26, 27 and September 30, 2004. Procedures and locations for landfill gas monitoring at LFs 8 and 10 are presented in the SPMP of the OU1 Final O&M Plan (Kelchner, 1997) and in the *Methane Gas Migration Study Summary Report* (ES, 1991). Landfill gas monitoring procedures are also summarized in Appendix A2 of this report. The field logs are presented in Appendix B2.

## 2.6.1 LF8 Landfill Gas Monitoring Results

LF8 landfill gas monitoring locations are presented on Figure 2-4. LF8 methane/explosive gas concentrations are summarized in Table 2-13. As seen in the table, methane was detected at monitoring point LF08-MP010 during both the July and September 2004 monitoring periods. During the July and September monitoring events, methane was detected at concentrations of 42.3 percent and 43.7 percent by volume, respectively. These concentrations are greater than 100

percent of the lower explosive limit (LEL). As shown on Table 2-13, this location has had a history of elevated methane/explosive gas detections. Sustained readings from the probe after it had vented remained greater than 100 percent of the LEL.

To ensure that methane is not migrating into the adjacent houses or surrounding utility lines, "punchbar" monitoring locations (manually driven, 1/2-inch boreholes) are also monitored quarterly. Punchbar locations are shown on Figure 2-4. As summarized in Table 2-13, methane/explosive gas was not detected at these four locations during this reporting period.

## 2.6.2 LF10 Landfill Gas Monitoring Results

LF10 landfill gas monitoring locations and the GBT are presented on Figure 2-5. LF10 methane/explosive gas concentrations are summarized in Table 2-14. As seen in the table, methane/explosive gas was detected at the south end of the GBT at LF10 (LF10-GBT0S) during the July and September 2004 monitoring events (Table 2-14). During the July event, methane was detected at a concentration of 1.8 percent by volume, which was 34 percent of the LEL. During the September event, methane was detected at a concentration of 34.8 percent by volume, which was greater than 100 percent of the LEL. At the north end of the GBT at LF10 (LF10-GBTON) methane was detected during the July event at a concentration of 5.5 percent by volume, which was greater than 100 percent of the LEL. Methane/explosive gas was not detected at LF10-GBTON during the September event (Table 2-14). Sustained readings were not collected at these locations during the July or September events. Methane/explosive gas was not detected at any other LF10 monitoring locations during the July or September quarterly events.

### 2.7 Water Level Monitoring Objectives and Evaluation

Quarterly groundwater levels are measured to evaluate the effectiveness of the extraction system in lowering water levels in the vicinity of the landfills and achieving the objectives at each landfill (IT, 1994). OU1 groundwater level monitoring logs for July and September 2004 are presented in Appendix B3. A discussion of the objectives and procedures for water level monitoring and interpretation are presented in Appendix A2. Figures 2-2 and 2-3 show the locations of monitoring and extraction wells used to measure groundwater levels at LF8 and LF10, respectively. The July and September 2004 measured water levels, along with reference point elevations, screen intervals, and total depths for the LF8 and LF10 wells, are provided in Tables 2-15 and 2-16, respectively.

### 2.7.1 Landfill 8 Groundwater Capture Evaluation

Table 2-15 presents the water level elevations for the LF8 hydraulic containment monitoring well network for July 28 and September 29, 2004. Figure 2-10 illustrates the resultant LF8 groundwater surface elevation contours for July 2004. As seen in Figure 2-10, during the July monitoring event, the groundwater contours do not show curvature around extraction wells EW-0807, EW-0812, and EW-0816 that would indicate flow to the wells. At the southern end of LF8, the cumulative pumping of wells EW-0801, EW-0803, and EW-0805 create flow toward a low grid point between around EW-0803. In addition, the groundwater contours curve around extraction well EW-0810, indicating that capture is occurring in the middle of the eastern boundary. To illustrate the capture zones for each well, particle tracks were created from the July groundwater elevation contours and flow directions (Figure 2-11). The particle tracks represent particles released along the topographic high point of LF8 and indicate the paths they travel through the landfill. The July particle tracks indicate capture is not occurring in the northern portion of the landfill. In the central portion of LF8, well EW-0810 has created a capture zone for upgradient particles, including some particles originating upgradient of wells EW-0807 and EW-0812. The water level in well EW-0807 is lower than in downgradient well LF08-MW102, and is likely providing some capture although not graphically indicated by the particle tracks. At the southern end of LF8 the cumulative pumping of wells EW-0801, EW-0803, and EW-0805 effectively captures particles released directly upgradient and north and south of these extraction wells.

During the September monitoring event, groundwater flow towards the extraction wells continues to occur in the southern portion of LF8 in the vicinity of well EW-0803 and along the eastern boundary near EW-0810 (Figure 2-12). In the northern portion of the landfill, well EW-0816 is now operating efficiently and is creating a capture zone. As seen in Figure 2-13, the particles released along the topographic high point of LF8 are all being captured prior to reaching the eastern boundary. Figure 2-14 presents a cross-section of the eastern boundary of LF8 (Line A-A' on Figure 2-2) and the September 29, 2004 water table surface. As seen in the figure, due to the pump depth in EW-0807 water occurring below the pump is either flowing side-gradient to extraction wells EW-0805 and EW-0810, or is flowing downgradient towards well LF08-MW102. In the vicinity of wells EW-0812 groundwater is predominantly flowing towards well EW-0810 with a small component flowing downgradient from the landfill. Figure 2-14 also indicates that groundwater is not in contact with the LF8 fill material, which reduces the potential for contaminant migration.

#### 2.7.2 Landfill 10

The effectiveness of the LF10 extraction system is evaluated by comparing the elevation of the water table to the elevation of the landfill bottom. The system is achieving the stated goal as long as the water table is below the landfill bottom. Water level elevations for the entire LF10 hydraulic containment monitoring well network for July and September 2004 are presented in Table 2-16 and shown graphically on Figures 2-15 and 2-16, respectively, to illustrate the variable groundwater flow patterns.

To examine the effectiveness of each extraction well, historic water level elevations and the landfill bottom elevation were compared on well hydrographs (Figures 2-17 through 2-26). Landfill bottom elevations were determined from extraction well installation notes and the drilling reference point elevations (Table 2-17). The graphs show the varying fluctuations in water levels from one sampling event to another.

The hydrographs indicate that all extraction wells, except EW-1003, kept their water levels below the bottom of the landfill during this monitoring period. As seen in Figure 2-18, the July and September 2004 water levels were over 16 feet above the bottom of the landfill at EW-1003. WPAFB regularly schedules maintenance and service for the extraction wells. Figure 2-27 is a cross-sectional profile along the long axis of LF10 (Figure 2-3) illustrating the variable landfill bottom and the September 2004 water level elevations throughout the landfill. This profile provides an indication that groundwater levels are below the base of the landfill.

#### 2.8 Conclusions

During the July monitoring period, higher water levels in extraction wells EW-0812 and EW-0816 created a potential for contaminant particles originating in this vicinity to flow off the landfill (Figure 2-11). However, after the July event, successful maintenance was performed on well EW-0816 and as seen in Figure 2-13, particles released upgradient of both EW-0812 and EW-0816 are being captured. In addition, given the hydrogeology at OU1 and the lack of pathways for exposure to groundwater, periodic inconsistencies with hydraulic containment do not pose a threat to human health. The particle track model continues to be refined to determine the contiguous nature of the aquifer. Figure 2-14 shows the September 2004 groundwater level relative to the known landfill material. As seen in the figure, groundwater is not in contact with the bottom of the fill material. This figure also depicts the approximate pump location for most of the LF8 extraction wells. The pumps in wells EW-0807 and EW-0812 appear to be placed at a

higher elevation than the pumps in the surrounding wells. Thus, measured water elevations at these locations are consistently higher than the surrounding extraction wells.

At LF10 the extraction system was maintaining water levels below the landfill bottom at 15 of the 16 extraction well locations during this monitoring period. Extraction well EW-1003 has been difficult to keep in service and continues to be addressed by WPAFB through O&M activities.

# 3.0 OU5 Monthly Hydraulic Containment Monitoring

This chapter presents the OU5 hydraulic containment monitoring procedures and results conducted under the LTM program at WPAFB (Figure 3-1) during the reporting period of May through October 2004.

#### 3.1 Introduction

Monthly hydraulic containment monitoring at OU5 was conducted in accordance with the OU5 System Performance Monitoring Plan (SPMP) (IT, 1992) and Final Addendum No. 1 to the Landfill 5 SPMP, Basewide Monitoring Program (IT, 1999d). The program currently consists of monthly water level monitoring at 42 wells [41 monitoring wells and one extraction well (EW-1)] and five piezometers. Included in the 41 monitoring wells are selected wells owned by the City of Dayton. The five piezometers were installed in June 2003 around Twin and Gravel Lakes to help define the aquifer characteristics near the lakes during the aquifer recovery test at OU5. Figure 3-2 shows the locations of the 42 wells and five piezometers that comprise the current OU5 monitoring well network. The current well network is an expansion of the original monitoring network presented in the initial SPMP (IT, 1992).

The objective of monitoring groundwater levels is to evaluate the effectiveness of the groundwater extraction system in containing contaminated groundwater that may migrate downgradient from LF5 (i.e., maintaining a capture zone to prevent migration of contaminated groundwater beyond the Base boundaries). A more detailed description of OU5 is presented in Appendix A4.

### 3.2 Water Level Monitoring

The main purpose of extraction well EW-1 is to maintain a capture zone that prevents downgradient migration of contaminated groundwater from the LF5 area. To evaluate the effectiveness of EW-1 in containing groundwater in the vicinity of the site, OU5 groundwater elevations were calculated from water level measurements (Table 3-1) and contoured. OU5 water level monitoring field logs are presented in Appendix D. The field log for the May 2004 monitoring event was lost, therefore, only the levels from the City of Dayton wells are presented on Table 3-1 for the month of May. Based on the measured elevations of the months surrounding May 2004, these values are representative of typical elevations for this period.

Figures 3-3 through 3-7 show the monthly water level contours for the OU5 monitoring wells and extraction well EW-1 during the period of June through October 2004. Due to the limited data

points, the May 2004 water levels were not contoured. Groundwater contours were generated using SURFER (Golden Software, Inc.), a grid-based contouring and three dimensional surface plotting graphics program. A summary of the contouring and groundwater flow modeling procedures is presented in Appendix A4.

### 3.3 Groundwater Capture Zone Analysis

The primary mechanism of contaminant transport is advection, i.e., a process by which moving groundwater carries dissolved solutes. Thus, understanding the groundwater flow pattern is the first step in an analysis of contaminant transport. The aquifer throughout OU5 is considered to have the same groundwater flow properties regardless of direction (isotropic). In an isotropic aquifer, the flow lines are perpendicular to the equipotential lines (groundwater elevation contours). In addition to the isotropic assumption, the aquifer is also assumed to have the same hydrologic properties throughout the model area (homogeneous).

Water level elevation contours and velocity vectors were generated in SURFER by creating a grid over the model area. The velocity vectors shown on Figures 3-3 through 3-7 indicate that groundwater flow across the eastern portion of LF5 is toward the southwest. The length of a velocity vector is proportional to the actual groundwater velocity. At the western boundary of LF5, groundwater flow is drawn toward EW-1, creating a capture zone.

The relatively long velocity vectors and the closely spaced water level contours upgradient from the extraction well indicate that EW-1 is "pulling" water from beneath the landfill. Downgradient from EW-1, the water level contours are widely spaced and the velocity vectors are relatively short, indicating that EW-1 is inhibiting downgradient groundwater flow.

The monthly capture zones created by EW-1 can also be defined by the particle tracks migrating through the landfill as shown on Figures 3-8 through 3-12. Groundwater particle tracks were created with Environmental Visualization Software (C Tech Development Corp.) using the kriging method to develop a potentiometric surface of groundwater head from the data, followed by a gradient calculation that plots streamlines. Particles were released along the upgradient (east) boundary of LF5 at the beginning of each of the streamlines to illustrate the potential downgradient migration pathlines of contaminants.

EW-1 operated effectively during the months of May and June and throughout the majority of July. Problems with the pump began on July 29 and the system was shut down. During the months of

August and September, problems with EW-1 continued. The system operated intermittently during the month of August while the problems with the system were being addressed. EW-1 was off when water levels were collected on both July 29 and August 31. From September 1 through September 21, EW-1 was off while repairs to the pump were being made. The pump was successfully repaired on September 22 and the system operated efficiently throughout the remainder of the reporting period.

Figures 3-9 and 3-10 depict the particle tracks for July 29 and August 31, respectively. These figures show that when EW-1 operates intermittently, particles along the western portion of LF5 are influenced, but not captured by EW-1. The particle paths converge near EW-1 and then pass through what is normally observed as the capture zone for EW-1. Figure 3-11 shows the particle tracks for September 30, after the system had been operating effectively for eight days. The majority of the particles were captured by EW-1, with the exception of the particles released from the northwestern corner. The June 29 and October 27 water level elevations and particle tracks represent conditions under normal operation for EW-1. As seen in Figures 3-8 and 3-12, groundwater particles released from the entire upgradient perimeter of LF5 are being successfully captured by EW-1. It should be noted that downgradient wells possibly impacted by intermittent capture are monitored regularly. Since the installation of EW-1, most VOC detections at these wells have decreased, confirming that capture is occurring. VOC concentrations at the furthest downgradient wells, MW132S and CW10-055, have remained at relatively steady state levels for the past ten years with only slight variations (see Section 6.0).

### 3.4 OU5 VOCs Removed

Complete system performance reports on the groundwater treatment system (GWTS) pumping rates, system down time, repairs made, and estimated volume of VOCs removed from the extracted groundwater are compiled monthly for WPAFB by TetraTech, Inc. and presented in the *Monthly Progress Reports, May through October 2004, Landfill 5 Groundwater Treatment System* (TetraTech, 2004). Table 3-2 presents a summary of the monthly water quality analytical results, the total volume of water discharged and quantities of VOCs removed from the extracted groundwater at LF5 by the GWTS between May and October 2004. In summary, the GWTS extracted and treated a total of approximately 82.4 million gallons of water during the reporting period. During this reporting period, the OU5 GWTS removed approximately 29.91 pounds of the listed VOCs, of which approximately 17.74 pounds were TCE. OU5 groundwater quality analytical data, monitored under the LTM program, is presented in Chapter 6.0 and discussed in Chapter 7.0.

#### 3.5 Conclusions

The performance of EW-1 and the groundwater extraction system can be evaluated based on the monthly water levels and the resultant groundwater contours, flow velocity, and particle tracking presented on Figures 3-3 through 3-12. When extraction well EW-1 has been operating consistently at approximately 545 gallons per minute (gpm) or greater over an extended period, a hydrodynamic barrier to contaminant migration is created over the majority of the western boundary of LF5.

Groundwater flow patterns and the resultant particle tracks indicate that EW-1 provided successful capture of potential contaminant particles under normal operating conditions as seen during the June and October events (Figures 3-8 and 3-12). In addition, capture did occur over the majority of the LF5 eastern boundary during the September event. Figure 3-11 indicates that after only one week in operation, particles from the northeastern corner of LF5 were influenced by EW-1, but may not be consistently captured. The prolific aquifer in the OU5 area, comprised of coarse sands and gravel, allows for the water table to recover quickly to static conditions during periods when EW-1 is not pumping. However, even when EW-1 only operates intermittently, particles are still pulled towards EW-1 (Figures 3-9 and 3-10). Potential contaminant migration from LF5 is monitored semiannually in downgradient City of Dayton wells HD-12S, HD-12M, MW131S, MW131M, HD-11, HD-13S and HD13D. Analytical results for these wells are presented and discussed in Chapters 6.0 and 7.0.

# 4.0 Landfill Gas Monitoring at OU4

Chapter 4 presents the results of the landfill gas monitoring at OU4.

#### 4.1 Introduction

Landfill gas monitoring is conducted at OU4 in accordance with the OU4 Landfill Gas Monitoring Technical Memorandum (CH2M HILL, 1998) and the Operation and Maintenance Plan Operable Unit 4 Landfills 3, 4, 6, and 7, and Drum Staging/Disposal Area (CH2M Hill, 1997). This program includes quarterly monitoring of soil gas at Landfills 3, 4, 6, and 7 (OU4). The landfills are located on the southeastern boundary of Areas A and C, near the intersection of Skeel Avenue and Hebble Creek Road (Figure 4-1). The objective of this monitoring program is to evaluate the migration of landfill gas away from the landfills toward nearby structures. Data collected as part of this monitoring program is used to evaluate trends in the generation of landfill gas and to determine if a landfill gas collection system at OU4 will be necessary. Site background information, including a summary of the types of wastes that were historically disposed of at OU4 and a synopsis of the land use in the surrounding area, is presented in the October 1998 LTM report (IT, 1999b).

The landfill gas (LFG) monitoring network at OU4 consists of eight gas-monitoring wells (LG-1, LG-2, LG-3, LG-6, LG-7, LG-8, LG-9, and LG10) that are located around the perimeters of Landfills 3, 4, 6, and 7, and at locations inside Building 878 (Figure 4-2). Building 877, which has been removed, was a previous monitoring point located adjacent to monitoring point LG-10. This area is now an open lot. Landfill gas measurements were taken on July 26 and September 30, 2004. The field parameters of methane, LEL, carbon dioxide, and oxygen were measured using a LandTec GA-90 infrared gas analyzer.

# 4.2 OU4 Landfill Gas Monitoring Results

The July and September 2004 and historic (CH2M HILL, 1994) sampling results, including well number, date, and gas concentrations, are presented in Table 4-1. Methane was not detected at any of the monitoring points during the July 2004 event. During the September 2004 monitoring event, methane was only detected at monitoring point LG-10, at a concentration of 2.2 percent by volume, which is equal to 44 percent of the LEL. The OU4 soil gas monitoring field logs are presented in Appendix E on the enclosed Field Forms CD. Methane was not detected at the Building 878 locations during either event.

# 5.0 OU2 Semiannual LTM Groundwater Sampling: Round 15

The objective of the semiannual LTM program for Spill Sites 2, 3, and 10 within OU2 is to evaluate the effectiveness of in-situ biodegradation and natural attenuation processes on petroleum hydrocarbon contamination in soil and groundwater. All monitoring was completed in accordance with the selected remedy described in the *Record of Decision for Spill Sites 2, 3, and 10 (Operable Unit 2)* (WPAFB, 1997). This chapter presents the results of the October 2004 (Round 15) OU2 ROD sampling event. Additional discussions on the sampling rationale and procedures are presented in Appendix A3.

#### 5.1 Introduction

On May 5, 1997, the Baseline evaluation of subsurface hydrocarbon contamination at OU2 was initiated in accordance with the *Draft-Final, Site-Specific Work Plan Addendum No. 2* (IT, 1997a) to the *Final Site-Specific Work Plan For Remedial Design Tasks under the BMP* (IT, 1995b). Field activities for the Baseline event included one round of soil gas and groundwater sampling to provide a reference distribution of petroleum hydrocarbons in the area. Results were reported in the *Final OU2 Baseline Sampling Results Report, Basewide Monitoring Program* (IT, 1999e). The subsequent LTM semiannual sampling rounds were conducted as follows:

- Round 1 conducted October 20 through October 23, 1997 (IT, 1997b)
- Round 2 conducted April 28 and 29, 1998 (IT, 1997c and 1998)
- Round 3 conducted October 15 and 16, 1998 (IT, 1999f)
- Round 4 conducted April 13 and 14, 1999 (IT, 2000b)
- Round 5 conducted October 11, 1999 (IT, 2000c)
- Round 6 conducted April 19, 20, 24 and 25, 2000 (IT, 2001a)
- Round 7 conducted October 17 and 19, 2000 (IT, 2001b)
- Round 8 conducted April 16 through April 19, 2001 (IT, 2002b)
- Round 9 conducted October 10, 11, 15 and 17, 2001 (IT, 2002c)
- Round 10 conducted April 16 through 18, 2002 (IT, 2003a)
- Round 11 conducted October 9 and 10, 2002 (IT, 2003b)
- Round 12 conducted April 9, 16, 17, 22, and 23, 2003 (Shaw, 2004a)
- Round 13 conducted October 2, 2003 (Shaw, 2004b)
- Round 14 conducted April 15 and 16, 2004 (Shaw 2004c)
- Round 15 conducted October 7, 2004.

### 5.2 Groundwater Sampling

During the October 2004 sampling event groundwater samples were collected from eleven monitoring wells that comprise the current OU2 groundwater quality monitoring network in the vicinity of the petroleum, oil and lubricant (POL) tank farm. The OU2 ROD monitoring well network was selected by evaluating groundwater analytical data from the Baseline event and subsequent investigations. The majority of wells selected for sampling are located in the total volatile hydrocarbon (TVH) plume identified in the OU2 Feasibility Study (FS), Final Feasibility Study for Spill Sites 2, 3, and 10 Within Operable Unit 2 (ES, 1996), and are screened across the water table which historically is the zone of highest concentration of dissolved phase hydrocarbons. The following wells represent the current ROD monitoring well network based on an evaluation of Baseline results (IT, 1999e):

•	04-	$\Omega 1$	6	M
•	L ##-		1 ) -	

• OW-1

• NEA-MW20-2S

• P18-1

• OW-2

• NEA-MW21-3S

• P18-2

• OW-3

• NEA-MW26-3S

• OW-4

• NEA-MW28-5S

Monitoring well NEA-MW21-3S has historically had a hydrocarbon layer of varying thickness (up to 1 foot) present on the water surface. A free-product removal system was installed in NEA-MW21-3S during October 2002. The recovery system piping was removed from the well in the summer of 2004. Additional discussion regarding free product removal is presented in Appendix A3.

Occasionally, perimeter monitoring wells that are not part of the OU2 monitoring well network are included in the semiannual events to periodically monitor areas downgradient or side-gradient of the POL tank farm. Wells NEA-MW20-1D and NEA-MW21-2D were added as periodically sampled wells during the October 2004 event.

The following downgradient or sidegradient wells (Figure 5-1) are sampled periodically:

• 04-606-M

NEA-MW22-3S

NEA-MW25-2I

• MW11-1

• NEA-MW23-2S

NEA-MW25-3S

• NEA-MW20-1D

• NEA-MW24-2S

• OW-6

• NEA-MW21-2D

• NEA-MW25-1D

Current and historical field parameters and analytical data for the ROD and periodic monitoring wells are presented on Tables 5-1 and 5-2, respectively. The following sections discuss the OU2 ROD field sampling procedures and analytical data.

### 5.2.1 Groundwater Sampling Field Procedures

OU2 monitoring wells were purged and sampled using the low flow rate/low volume purging and sampling method (micropurge). Monitoring wells were purged and sampled with dedicated pneumatic bladder pumps in accordance with the addendum to WPAFB FP 5-6. Micropurging procedures are presented in Appendix A3. Field measurements were recorded on groundwater purge logs (Appendix F1) and are summarized in Table 5-1.

### 5.3 Groundwater Analytical Parameters

Groundwater samples were sent to Severn Trent Laboratories (STL) in North Canton, OH, and analyzed for VOCs using U.S. Environmental Protection Agency (USEPA) Method 8260B, nitrate and sulfate using Method 300.0A, and methane, ethane, and ethene using Method SOP-RSK175. Request for Analysis/CofC records for the October 2004 OU2 ROD sampling event are presented in Appendix F2.

## 5.4 Soil Gas Sampling Field Procedures

The purpose of the soil gas probe monitoring at OU2 is to establish a correlation between levels of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and TVH in the soil vapor and areas of known soil contamination. During the Baseline field activities, fifteen permanent soil gas probes were installed throughout the POL tank farm and downgradient vicinity to monitor for hydrocarbon vapor in the vadose zone. Construction details of the soil gas probes are presented in the *OU2 Baseline Sampling Results Report* (IT, 1999e). During construction activities at the POL tank farm in 2000 and 2001, soil vapor monitoring points OU2-SV04 and OU2-SV05 were destroyed. Monitoring point OU2-SV04 was covered by asphalt and sealed from the surface; monitoring point OU2-SV05 was destroyed and buried during construction of a new fueling station. Soil sample results, collected from the borings during the installation of these two soil vapor monitoring points, did not correlate well with subsequent soil vapor concentrations from these points collected during the Baseline event. Also, the overall correlation between soil vapor VOC concentrations and groundwater VOC concentrations has been inconclusive. For these reasons, soil vapor points OU2-SV04 and OU2-SV05 will not be replaced.

Round 15 soil gas samples were collected on October 25 and 27, 2004, from all thirteen operable soil gas probes. However, the laboratory reported receipt of empty sample bag for point OU2-SV12. Therefore, the sample could not be analyzed. Soil gas samples were sent to STL, Los Angeles, CA, and analyzed for BTEX and total petroleum compounds (as gasoline and JP-4) by USEPA Method EPA-19 TO-3. Soil gas samples were also analyzed for fixed gases (oxygen, carbon dioxide and methane) by American Society for Testing and Materials (ASTM) Standard Method D1946.

### 5.5 Analytical Results

Current and historical groundwater field parameters and analytical data are presented on Tables 5-1 and 5-2, respectively. Current and historical soil gas analytical data are presented on Table 5-3. A complete listing of all detected groundwater and soil gas parameters for Round 15 are presented in a "detects only" format in Appendices G1 and G2, respectively. Full analytical data reports are contained on the enclosed Analytical Data CD.

# 5.6 Analytical Discussion

The analytical results for the OU2 Round 15 sampling event are summarized in the following sections.

# 5.6.1 Groundwater Petroleum Hydrocarbon Compounds

Five wells (04-016-M, NEA-MW20-2S, NEA-MW21-3S, OW-1, and P18-2) had benzene and/or BTEX compounds detected during the October 2004 event. Round 15 benzene and BTEX concentrations in groundwater, with the associated plumes, are presented on Figures 5-1 and 5-2, respectively. These figures also display the 1991 – 1992 concentration contours (in light grey) from the *Installation Restoration Program Final Remedial Investigation (RI) Report for Operable Unit 2* (ES, 1995) for comparison. The current benzene and BTEX plumes are centered immediately downgradient of the fuel storage tanks and do not extend as far downgradient as the 1991-1992 plumes.

BTEX concentrations for the OU2 ROD network monitoring wells are graphed as a function of time in Figures 5-10 through 5-21. Several figures present two graphs of BTEX concentrations for a single well. The top graph is at a scale that displays all the concentrations of BTEX; the bottom graph presents the data at a larger scale to distinguish the fluctuations of the lower

concentrations. These figures graphically display the fluctuations and ultimate decrease in BTEX concentrations at all of these wells.

Figure 5-22 presents a graph showing the benzene concentrations along the length of the hydrocarbon plume in the downgradient direction during selected previous LTM sampling events. The graph shows the highest benzene concentration at each location for several previous sampling events and for the current round.

The graph begins at a reference point of 0 feet, located at monitoring well 04-517-M which is immediately up gradient of the POL tank farm plume. Benzene concentrations at this well were below the detection limit and are considered 0 (zero) micrograms per liter (µg/L) for the Baseline sampling (May 1997). This is the reference point for downgradient distances and concentrations for the Baseline and Rounds 1 through 15 sampling events. The distances between each well in the hydrocarbon plume, downgradient of well 04-517-M, are as follows:

- 04-517-M = 0 feet
- NEA-MW20-2S = 420 feet
- NEA-MW21-3S = 860 feet
- 04-518-M = 930 feet
- OW-1 = 1130 feet
- NEA-MW28-5S = 1310 feet
- OW-3 = 1480 feet
- P18-2 = 1580 feet
- OW-4 = 1660 feet
- P18-1 = 1855 feet.

The furthest downgradient well on Figure 5-22 is monitoring well OW-6 (2,100 feet downgradient). Well OW-6 is sampled periodically and did not have benzene detected in any of the three rounds it was sampled (May 1997, April 2000, October 2002). Figure 5-22 illustrates that benzene concentrations detected in wells within the original hydrocarbon plume have fluctuated but ultimately decreased since the Baseline event.

Round 15 groundwater concentrations of benzene and BTEX have shown significant decreases in the vicinity of Spill Site 10 (SP10) since the OU2 RI sampling (Figures 5-1 and 5-2). As seen in Figure 5-20, benzene concentrations at well P18-1 (Spill Site 10) have decreased from 570 µg/L in 1991 to below the detection limit in October 2000, and concentrations have remained below the detection limit since then. Near the POL tank farm (Spill Sites 2 and 3),

benzene and BTEX concentrations have decreased compared to Baseline sampling results and the center of the plume has shifted slightly to the southeast, to be centered over NEA-MW20-2S.

Table 5-4 compares the highest detected benzene concentrations over previous sampling events with concentrations from the current round (Round 15) at the OU2 ROD wells. April 2000 (Round 6) is the most recent sampling event where benzene concentrations were detected at the highest historical concentration at an OU2 ROD well.

#### 5.6.2 Groundwater Natural Attenuation Parameters

Concentrations of the natural attenuation parameters of dissolved oxygen (DO), oxidation reduction potential (ORP) and ferrous iron were measured in the field and recorded on purge logs. These parameters are presented in Table 5-1. The distributions of the Round 15 DO, ORP, and ferrous iron concentrations in groundwater are presented on Figures 5-3, 5-4, and 5-5, respectively. Analytical results for sulfate and nitrate are presented in Table 5-2. The distributions of sulfate and nitrate concentrations in groundwater are presented in Figures 5-6 and 5-7, respectively.

The expected relationship between BTEX concentrations and the concentration of a particular natural attenuation parameter (electron acceptor or its reduction product), when natural attenuation is occurring, is summarized in the following table from *Standard Guide for Remediation of Ground Water by Natural Attenuation at Petroleum Release Sites* (ASTM E 1943, April 1998):

BTEX	Oxygen	Ferrous Iron	Sulfate	Nitrate	Manganese	Methane
High	Low	High	Low	Low	High	High
Low	High	Low	High	High	Low	Low

When comparing the BTEX concentrations in groundwater (Figure 5-2) to the concentrations of the natural attenuation parameters of DO (Figure 5-3), ferrous iron (Figure 5-5), sulfate (Figure 5-6), and nitrate (Figure 5-7), a correlation similar to the above table is not always present for every parameter. ORP concentrations are presented in Figure 5-4. The ORP of groundwater is a measure of the relative tendency of a solution to accept or donate electrons. Comparing upgradient and high levels of ORP to the lower ORP levels within the plume indicate zones where biodegradation (especially anaerobic processes) is occurring (ASTM, 1998).

#### 5.6.3 Soil Gas

Soil gas analytical results are summarized in Table 5-3. Figure 5-8 compares the distribution of BTEX concentrations in the soil gas for Round 15 with the 1997 Baseline concentrations. The Round 15 TVH soil gas plume is presented in Figure 5-9 and has a similar distribution to the BTEX plume presented in Figure 5-8. TVH is reported as the sum of gasoline and JP-4. Gasoline and JP-4 are comprised of a mixture of hundreds of hydrocarbon compounds, including BTEX. The highest hydrocarbon concentrations are centered immediately west of the POL tanks in the vicinity of SV06, SV08, SV10 and SV14 (Figures 5-8 and 5-9). A 12-inch fuel line runs adjacent to soil vapor points OU2-SV06 and –SV14, and near point –SV10 (Figures 5-8 and 5-9). The fuel line was leak tested in the summer of 2004 and was found not to be leaking fuel. In addition, a small valve seep was discovered along this line by a tracer gas hit, but no fuel had been released. The valve has been repaired.

BTEX and TVH concentrations for the soil gas LTM monitoring points are graphed as a function of time in Figures 5-23 through 5-35. Soil gas analytical results from the Round 15 sampling event indicate lower concentrations of BTEX and TVH compounds when compared to previous sampling periods.

#### 5.7 Groundwater Flow

Figure 5-36 presents a graph of the average water level elevations for the Baseline and the 15 subsequent LTM sampling events at OU2. An average ground surface elevation for the site has been provided for a reference on depth to the water table. The water table is typically higher in the spring of the year (April events). Comparison of TVH and BTEX concentrations to groundwater elevation variations does not suggest a strong correlation to seasonal high water tables.

Figure 5-37 illustrates the groundwater flow pattern through OU2 during the October 2004 sampling event. Depth to water measurements and water level elevations are presented in Table 5-5. Groundwater is flowing predominantly from northeast to southwest through OU2. The water level field log is located in Appendix F3.

#### 5.8 Conclusions

Benzene concentrations ranged from below detection limits in wells 04-016-M, NEA-MW20-1D, -MW21-2D, -MW26-3S, -MW28-5S, OW-2, OW-3, OW-4, P18-1, and P18-2 to a maximum of

24 μg/L in well NEA-MW20-2S. The 1992 model of the POL tank farm area (ES, 1996) predicted that benzene concentrations would be below the MCL (5 μg/L) in 8-9.5 years (2000-2002). This was a conceptual model, which idealized conditions and estimated future contaminant concentrations in soil or groundwater. After 11 years (1993-2004), the only area not below the benzene MCL is the vicinity of well NEA-MW20-3S (Figure 5-1). Figures 5-1 and 5-2 provide a comparison of the current benzene and BTEX concentrations in groundwater to the RI results from 1991 and 1992 (ES, 1995). These figures show that compared to the RI isopleths, the extent and concentrations of the current benzene and BTEX plumes have significantly decreased since 1991-1992. Currently, the center of the plumes are now located in the area immediately downgradient of the POL tanks. Analytical results from the remaining OU2 ROD wells indicate that BTEX concentrations have decreased to remediation goals over the majority of the POL tank farm. However, the increase in the benzene concentration in well NEA-MW20-3S (Figure 5-12) may indicate migrating contamination that could potentially be detected in well NEA-MW21-3S.

Based on the interpreted groundwater flow vectors shown on Figure 5-37, monitoring wells NEA-MW25-3S, NEA-MW25-2I, NEA-MW25-1D, OW-6, and NEA-MW26-3S provide good downgradient definition of the OU2 hydrocarbon plumes at various depths. During the OU2 Baseline monitoring event in May 1997, all shallow depth monitoring wells in the vicinity of OU2, including downgradient wells OW-6 and NEA-MW25-3S, were sampled (IT, 1999e). Many of the monitoring wells in this area have remained in the OU2 monitoring program; however, the number of wells and the frequency of downgradient monitoring has been modified from the Baseline network. In addition to the semi-annual sampling of the eleven OU2 ROD wells, WPAFB will periodically monitor downgradient wells that may be identified as potential down- or side-gradient contaminant migration monitoring points, to "spot-check" for any unforeseen migration. Selection of these wells has varied from year to year.

6

# 6.0 Basewide Long-Term Monitoring

Chapter 6 presents the results of the GWOU long-term groundwater monitoring at WPAFB, Ohio. Data evaluation and conclusions are discussed in Chapter 7. Discussions on the LTM site history, sampling rationale, and monitoring procedures are presented in Appendix A2 and A4.

#### 6.1 Introduction

The October 2004 sampling event consisted of the semiannual sampling of Basewide groundwater monitoring wells for VOCs at former Building 59, the former Building 79/95 complex, Burial Site 5 (BS5), and Operable Units 2, 3, 4, 5 (FAA-A), 8 and 10. [Annual sampling of Basewide groundwater monitoring wells for VOCs and inorganics (metals) is conducted in April.] Sampling frequencies for selected Basewide monitoring wells are specified in Table A1-1 (Appendix A1). Further information on the LTM program, including objectives, can be obtained in the Final October 1998 LTM Report (IT, 1999b).

### 6.2 Site Location and Description

A summary of the source operable units included within the GWOU is provided in Appendix A of the EE/CA (IT, 1999a). Operable Units 2, 3, 4, 5, 7 and 10 are located within Areas A & C of WPAFB (Figure 1-3). Operable Units 1, 6, 8, and 9, FAA-B, former Building 59 Complex, former Building 79/95 Complex, and Burial Sites 5 and 6 are all located within Area B (Figure 1-4). A brief description of each OU is also provided in the October 1998 Final LTM Report (IT, 1999b).

As discussed in Chapter 1, the GWOU was established under the BMP to provide a comprehensive method for monitoring and evaluating the individual source areas (OUs), any plume migration, and the natural attenuation of contaminants. Further discussion of the BMP is provided in the October 1998 LTM report (IT, 1999b). The specific objectives of the BMP, are presented in the *Site-Specific BMP Work Plan* (IT, 1995b)

This section describes the LTM activities associated with the Basewide LTM well network. Wells monitored under the OU1 and OU2 RODs are discussed in Chapters 2 and 5, respectively.

# 6.3 LTM Monitoring Well Network

Monitoring well locations by management area are shown on Figures 6-1 through 6-10. Sampling frequencies for selected basewide monitoring wells are specified in Table A1-1 (Appendix A1). This table contains the monitoring frequency, sampling months, analytical parameters, and other sampling rationale for all groundwater sampling locations monitored under the LTM program. This is a dynamic table that may contain small variations in the LTM network between sampling events. These variations (typically additions) to the LTM network are the result of data evaluations from previous rounds and incorporating monitoring wells from completed projects (e.g. Building 59 Site Investigation). During the October 2004 sampling round, well OU4-MW04B (screened interval: 30.5-40.5 ft, below ground surface [bgs]) was sampled in place of OU4-MW04A (screened interval: 9.5-19.5 ft, bgs) to determine if any VOC contamination exists in the deeper well of the cluster. The four Building 79 wells (B79C/D-MW01, -MW02, -MW03 and -MW04) were sampled for the first time under the LTM program during the October 2002 sampling event. The Building 79 wells (Area B) were installed in February 2002 as part of the Building 79/95 Complex SI and were added to the LTM sampling program to monitor the trichloroethene (TCE) plume at the former complex. The current monitoring well networks that comprise the LTM program for each area of concern are presented in Appendix A4.

### 6.4 Basewide LTM Well Purging and Sampling

Semiannual groundwater sampling was conducted from October 8 through October 21, 2004, at 55 Basewide monitoring wells. Groundwater samples were analyzed for VOCs only. Monitoring wells for the Basewide LTM program were purged and sampled using the micropurge low flow rate technique in accordance with the addendum to FP 5-6 and the procedures presented in Appendix A2. Monitoring wells were purged and sampled with dedicated submersible bladder (pneumatic) or low flow electric (Grundfos®) pumps (GR-333 and GR-334). The dedicated bladder pumps were installed during prior sampling programs or investigations. Table A1-2 (Appendix A1) presents a summary of the Basewide LTM Program well specifications.

Purge logs for sample collection are presented in Appendix H and the final parameters measured just prior to sampling are summarized in Table 6-1.

Purge water was containerized, transported back to a central staging area, and disposed of at a permitted treatment and disposal facility (Section 6.4.3).

## 6.4.1 Sample Management

Throughout the LTM program, each sample has been designated with a unique sample number that identifies the location, type of sample collected, and sampling event date. Shaw Environmental's ShawView was used for the first time during the October 2002 sampling event. The new ShawView sample numbering system has been incorporated with all recent sampling events since its institution. An explanation of the sample numbering system is presented in Appendix A2.

### 6.4.2 Sample Handling

CofC records were completed for each sample. CofC records contain sample numbers, date and time of collection, sample names, container types and volumes, preservatives, and analytical parameters. CofC records for the October 2004 Basewide LTM sampling event are presented in Appendix I. Sample handling procedures are presented in Appendix A2.

## 6.4.3 Project Generated Wastes

Wastewater generated during the investigation consisted of monitoring well purge water. Wastewater generated during the field activities was pumped into 55-gallon drums on the back of each field sampling truck. After filling, the drums then were pumped into a 550-gallon storage tank staged in the contractor parking lot near OU4. Approximately 350 gallons of wastewater were generated during the October 2004 LTM field activities. The wastewater was transported by vacuum tank-truck to a permitted treatment and disposal facility (Perma-Fix of Dayton). The WPAFB LTM purge water Bill of Lading is included in Appendix H. Purge waters are being shipped under a waste profile previously defined by this waste stream.

### 6.4.4 Procedure Variances

The only variance to the task Statement of Work was the use of the existing dedicated Grundfos<sup>®</sup> electric submersible pumps in wells GR-333 and GR-334 in place of installing new bladder pumps. The pumps and fixtures in these wells appeared to be permanently attached and were left in-place. Groundwater purging and sampling were completed using the Grundfos<sup>®</sup> pumps in accordance with WPAFB field procedure FP 5-6 (ES, 1990; FP 5-6 Addendum, 1998).

### 6.5 VOC Analytical Results

As defined in the EE/CA, the remediation goal for organic contaminants of concern (benzene; ethylbenzene; xylenes; toluene; total 1,2-dichloroethane [DCA]; 1,2-Dichloroethene [1,2-DCE]; TCE; vinyl chloride; and tetrachloroethene [PCE]) is the MCL for each constituent. Table 6-2

presents the historical and October 2004 analytical data for these contaminants of concern by management area. Detected concentrations exceeding the MCLs in Table 6-2 are denoted with "()." Figures 6-1 through 6-10 spatially depict the detected concentrations of VOCs throughout each management area (concentrations exceeding MCLs are denoted in red). Figures 6-11 through 6-43 present concentration graphs of the historical groundwater analytical data collected through October 21, 2004, for each well where chemicals of primary concern were detected. In the legend of each graph, the MCL concentration is noted for the VOCs of concern detected at that well location. The October 2004 laboratory data for VOCs analysis are presented in Appendix J in "detects only" format. Full analytical reports are provided on the enclosed CD.

During the October 2004 sampling event, the maximum detected concentration of TCE (2,300  $\mu$ g/L), total 1,2-DCE (1,607  $\mu$ g/L), and vinyl chloride (57  $\mu$ g/L) occurred at former Building 59 in well B59-MW02 (Figure 6-1). PCE was detected at a maximum detected concentration of 63  $\mu$ g/L at the Central Heating Plant 4 (CHP4) area of OU10 in well GR-330 (Figure 6-9). The remaining VOCs of concern were either not detected or were not detected above the MCL.

The following presents the October 2004 results of the organic contaminants of concern by each management area.

#### Former Building 59

To monitor the VOC concentrations in groundwater at the former Building 59 site, four monitoring wells were added to the semiannual sampling program in April 2001 (Figure 6-1). For more information on the former Building 59 site, see Appendix A4.

As seen in Figure 6-1, VOCs were not detected in well B59-MW01 during the October 2004 sampling event. However, TCE, total 1,2-DCE and vinyl chloride were detected at all three remaining monitoring locations. TCE concentrations exceeding the MCL (5 μg/L) were detected at wells B59-MW02 and –MW03, with concentrations of 2,300 μg/L and 42 μg/L, respectively. TCE was detected at an estimated concentration of 0.43 μg/L at well –MW04 (Figure 6-11). As seen in Figures 6-12 and 6-13, wells –MW02 and –MW03 also had detected concentrations of total 1,2-DCE (1,607.4 μg/L and 165.5 μg/L, respectively) above the MCL (70 μg/L). Well –MW04 had total 1,2-DCE detected at a concentration of 6.49 μg/L, which is below the MCL (70 μg/L). Vinyl chloride concentrations exceeding the MCL (2 μg/L) were detected at wells

-MW02 (57  $\mu$ g/L), -MW03 (25  $\mu$ g/L), and -MW04 (2.6  $\mu$ g/L). Benzene was detected at wells -MW03 (1.9  $\mu$ g/L) and -MW04 (0.24  $\mu$ g/L) at concentrations below the MCL (5  $\mu$ g/L). Well -MW03 also had 1,2-DCA (0.70  $\mu$ g/L) detected at a concentration below the MCL (5  $\mu$ g/L).

The samples from wells B59-MW02 and –MW03 had concentrations that exceeded the calibration limit. The sample from B59-MW02 was diluted by a factor of 7.69, however, some parameters exceeded the calibration range and the sample was analyzed again with a dilution factor of 76.92. The sample from B59-MW03 was diluted by a factor of 5.71.

### Former Building 79/95 Complex

Four new monitoring wells were sampled for the first time under the LTM program during the October 2002 sampling event. These four wells were installed and sampled in February 2002 as part of the Building 79/95 Complex SI (IT, 2003c). For more information on this complex, see Appendix A4.

During the October 2004 sampling event, TCE was detected at all four wells at concentrations that exceed the MCL (5  $\mu$ g/L) (Figure 6-2). The current TCE concentrations at the former Building 79/95 Complex ranged from 30  $\mu$ g/L at well B79C/D-MW01 to 45  $\mu$ g/L at wells B79C/D-MW02 and –MW04. Benzene (0.32  $\mu$ g/L), total 1,2-DCE (8.69  $\mu$ g/L), and vinyl chloride (0.38  $\mu$ g/L) were also detected at well –MW01 below their respective MCLs (Figure 6-14). As seen in Figure 6-15, wells –MW03 (0.44  $\mu$ g/L) and -MW04 (0.71) also had detections of total 1,2-DCE at concentrations below the MCL.

The samples from wells B79C/D-MW02 and –MW04 had concentrations that exceeded the calibration limit and the samples were diluted by factors of 1.67 and 2, respectively.

### BS5

As seen in (Figure 6-3), groundwater monitoring at BS5 is conducted at two areas. The monitoring well pair BS5 P-1 and P-2, bracket an area close to the museum runway. TCE and PCE concentrations in this area (Figure 6-16) have historically been below MCLs (5  $\mu$ g/L for each) at well BS5 P-1 or have not been detected (BS5 P-2). The October 2004 results are consistent with the historical data.

The second groundwater monitoring area is at the BS5 P-3 and P-4 well cluster located due south of BS5 P-2, near the Base boundary. During the October 2004 sampling round, PCE was detected at concentrations of 24  $\mu$ g/L in well P-3, and 25  $\mu$ g/L in P-4. Other VOCs were not detected at these locations.

#### OU<sub>2</sub>

VOCs were not detected in well NEA-MW-34-2S (Figure 6-4). As seen in Figure 6-18, PCE was detected above the MCL (5  $\mu$ g/L) in well NEA-MW27-3I (7.1  $\mu$ g/L) during the October 2004 event.

#### OU3

For the October 2004 sampling event, all detected VOCs were below MCLs (Figure 6-5). Well FTA2-MW02C had vinyl chloride detected for the first time at an estimated concentration of 0.99  $\mu$ g/L. Total 1,2-DCE was detected at wells 07-520-M, 05-DM-123S, and 05-DM-123I at concentrations of 0.25  $\mu$ g/L, 0.70  $\mu$ g/L, and 0.46  $\mu$ g/L, respectively. Wells 05-DM-123S and 05-DM-123I also had TCE detected at concentrations of 2.5  $\mu$ g/L and 2.7  $\mu$ g/L, respectively (Figures 6-20 and 6-21).

#### OU4

During the October 2004 sampling event, TCE was detected at six of the eight monitoring locations (Table 6-2 and Figure 6-6). TCE concentrations exceeded the MCL (5  $\mu$ g/L) at well OU4-MW-02B (9.3  $\mu$ g/L). TCE concentrations detected at the five other locations ranged from 0.33  $\mu$ g/L to 4.5  $\mu$ g/L. PCE was detected at two of the eight sampling locations. At well OU4-MW-12B, PCE was detected above the MCL (5  $\mu$ g/L) at a concentration of 11  $\mu$ g/L (Figure 6-25). Well OU4-MW-03C had PCE detected at an estimated concentration of 0.20  $\mu$ g/L. As seen in Figure 6-6, total 1,2-DCE was detected at seven of the eight sampling locations at concentrations ranging from 6.4  $\mu$ g/L to 0.30  $\mu$ g/L. Vinyl chloride was detected at only one sample location, BMP-OU4-1B-60, at an estimated concentration of 0.35  $\mu$ g/L (Figure 6-22).

#### **OU5**

TCE was detected at seven of the thirteen monitoring locations during the October 2004 sampling event (Figure 6-7). TCE concentrations exceeding the MCL (5  $\mu$ g/L) were detected at wells CW05-085, HD-11, and MW132S, with concentrations of 43  $\mu$ g/L, 8.5  $\mu$ g/L, and 25  $\mu$ g/L, respectively. TCE concentrations detected at the four other locations ranged from 0.28  $\mu$ g/L to

4.1  $\mu$ g/L. PCE was detected at three sampling locations (HD-12S, MW131S, and MW132S) at concentrations ranging from 0.49  $\mu$ g/L to 2.7  $\mu$ g/L, which is below the MCL (5  $\mu$ g/L). As seen in Figure 6-7, total 1,2-DCE was detected at ten of the thirteen sampling locations all at concentrations below the MCL (70  $\mu$ g/L). Detected concentrations of total 1,2-DCE ranged from 21.1  $\mu$ g/L at well HD-11 to 0.57  $\mu$ g/L at well CW04-060. As seen in Figure 6-33, vinyl chloride was detected at a concentration above the MCL (2  $\mu$ g/L) at well MW131M (11  $\mu$ g/L). Vinyl chloride was detected at four other sampling locations at concentrations ranging from 0.37  $\mu$ g/L to 1.0  $\mu$ g/L. Benzene and 1,2-DCA were detected at only one location each (HD-13S and HD-13D, respectively) at concentrations below the MCL (5  $\mu$ g/L for each).

Wells CW05-085 and HD-11 had concentrations that exceeded the calibration limit; the samples were diluted by a factor of 1.43 each.

#### **OU8**

Monitoring well CW03-77 is the only OU8 monitoring well sampled semi-annually under the LTM program. All detected VOCs (TCE and PCE) were below the MCLs during the October 2004 sampling event (Figure 6-8). Figure 6-35 shows the current and historic concentrations of TCE and PCE at well CW3-077.

### OU10 (CHP4)

As seen in Figure 6-9, PCE was detected at all three OU10 (CHP4) sampling locations. PCE was detected at concentrations above the MCL (5  $\mu$ g/L) at wells 23-578-M (5.1  $\mu$ g/L) and GR-330 (63  $\mu$ g/L). At well CHP4-MW01, PCE was detected at a concentration of 1.3  $\mu$ g/L. As seen in Figure 6-36, TCE was also detected at well 23-578-M. The detected TCE concentration, 3.5  $\mu$ g/L, was below the MCL (5  $\mu$ g/L).

Well GR-330 had concentrations that exceeded the calibration limit and the sample was diluted by a factor of 2.

#### **OU10**

As seen in Figure 6-10, TCE was detected at five of the eleven sampling locations. TCE concentrations exceeding the MCL (5  $\mu$ g/L) were detected at wells OU10-MW-06S, -MW-11D, and -MW-21S, with concentrations of 11  $\mu$ g/L, 9.8  $\mu$ g/L, and 5.4  $\mu$ g/L, respectively. At wells GR-333 and OU10-MW-19D, TCE was detected at concentrations of 1.1  $\mu$ g/L and 3.2  $\mu$ g/L,

respectively. PCE was detected at seven of the eleven sampling locations. Three wells (OU10-MW-03S, -MW-11S, and -MW-25S) had detected concentrations ranging from 5.2  $\mu$ g/L to 13  $\mu$ g/L, which are above the MCL (5  $\mu$ g/L). PCE was detected at the remaining four locations at concentrations between 0.27  $\mu$ g/L and 2.3  $\mu$ g/L. Methyl tertiary-butyl ether (MTBE) was detected at well NEA-MW37-1D at an estimated concentration of 0.58  $\mu$ g/L (Figure 6-39).

# 7.0 Basewide Groundwater Operable Unit Evaluation

This chapter presents an evaluation of the analytical results across each of the investigation areas that comprise the Basewide GWOU. This evaluation uses data from the October 2004 Basewide LTM sampling event. The current LTM results are compared to the concentration data collected during previous LTM events and the RI activities (IT, 1997d) to evaluate whether there exists:

- Discernable differences in the distribution of VOC detections
- Discernable differences in the distribution of VOC concentrations.

### 7.1 VOC Analytical Findings

Investigation areas where contaminants of concern were detected during the October 2004 LTM sampling event are identified below by contaminant for the following organic compounds: TCE; PCE; total 1,2-DCE; vinyl chloride; 1,2-DCA; benzene; toluene; ethylbenzene; xylene; and MTBE. Table 6-2 presents the current and historic groundwater concentrations for these compounds at each monitoring well sampled under the Basewide LTM program.

### 7.1.1 TCE

During the October 2004 event, TCE was detected in the following Basewide LTM investigation areas at concentrations that exceed the MCL (5  $\mu$ g/L):

- Former Building 59 Complex (wells B59-MW02 and -MW03)
- Former Building 79 Complex (wells B79C/D-MW01, -MW02, -MW03, and -MW04)
- OU4 (well OU4-MW-02B)
- OU5 (wells CW05-085, HD-11, and MW132S)
- OU10 (wells OU10-MW-06S, -MW-11D, and -MW-21S).

TCE was also detected at concentrations below the MCL in additional wells located within the investigation areas identified above. TCE was detected at concentrations below the MCL in areas OU3, OU8, and OU10/CHP4. TCE was not detected in the remaining investigation areas (BS5 and OU2). Over the last several years, TCE concentrations have been stable to generally decreasing across most of the Basewide investigation areas with the exception of the former Building 59 and Building 79 areas.

#### 7.1.2 PCE

During the October 2004 event, PCE was detected in the following Basewide LTM investigation areas at concentrations that exceed the MCL (5  $\mu$ g/L):

- Burial Site 5 (wells BS5 P-3 and BS5 P-4)
- OU2 (well NEA-MW27-3I)
- OU4 (well OU4-MW-12B)
- OU10/CHP4 (well GR-330)
- OU10 (wells OU10-MW-03S, -MW-11S, and -MW-25S).

PCE was also detected at concentrations below the MCL in additional wells located within some of the investigation areas identified above. PCE was detected below the MCL at areas OU5 and OU8. PCE was not detected at the remaining investigation areas (former Building 59 and 79 Complexes, and OU3). In general, PCE concentrations have been consistent or slowly decreasing since the Baseline sampling event with the exception of areas OU4 and OU10/CHP4.

### 7.1.3 Total 1,2-DCE

During the October 2004 event, total 1,2-DCE was detected in the following Basewide LTM investigation area at concentrations that exceed the MCL (70  $\mu$ g/L):

• Former Building 59 Complex (wells B59-MW02 and -MW03).

Total 1,2-DCE was also detected at concentrations below the MCL in an additional well located at the former Building 59 Complex, and at OU5. In addition, total 1,2-DCE was detected at concentrations below 9.0 μg/L at the former Building 79 Complex, OU3, and OU4. Total 1,2-DCE was not detected in samples from other areas of the Base (BS5, OU2, OU8, OU10/CHP4, and OU10). In general, total 1,2-DCE concentrations have been stable or slowly decreasing since the Baseline sampling event with the exception of the former Building 59 Complex.

### 7.1.4 Vinyl Chloride

During the October 2004 event, vinyl chloride was detected in the following Basewide LTM investigation areas at concentrations that exceed the MCL (2 µg/L):

- Former Building 59 Complex (wells B59-MW02, -MW03, and -MW04)
- OU5 (well MW131M)

Vinyl chloride was also detected at concentrations below the MCL in additional wells located within the investigation areas identified above. Vinyl chloride was detected at an estimated concentration below the reporting limit in one well each from areas OU3, OU4 and the former Building 79 Complex. Vinyl chloride concentrations have fluctuated in these investigation areas, however, the current detected concentrations remain similar to previous events. Vinyl chloride was not detected in the remaining investigation areas of the Base (BS5, OU2, OU8, OU10/CHP4, and OU10).

#### 7.1.5 1,2-DCA

During the October 2004 event, 1,2-DCA was not detected at concentrations that exceed the MCL (5 μg/L). 1,2-DCA was detected in only two Basewide monitoring areas (one well in each the former Building 59 Complex and OU5 areas). The former Building 59 Complex has periodically had some detections above the MCL. 1,2-DCA has either never been detected or has been sporadically detected at concentrations below the MCL in the remaining LTM wells.

### 7.1.6 Benzene, Toluene, Ethylbenzene, and Total Xylenes

During the October 2004 event, benzene was detected at concentrations below the MCL (5 µg/L) at the former Building 59 and Building 79 Complexes, and OU5. Toluene, ethylbenzene and total xylenes were not detected during the October 2004 sampling event. Since the Baseline sampling, BTEX compounds have been sporadically detected at concentrations below their respective MCLs at most investigation areas. The exception is benzene, which was detected above the MCL in one well at the former Building 59 Complex in June 1999.

A discussion of BTEX compounds detected at the OU2 ROD monitoring wells during the October 2004 sampling event is presented in Section 5.0.

#### 7.1.7 MTBE

MTBE is a colorless synthetic VOC, derived from natural gas that is a gasoline additive to increase octane level, boost engine performance, and ostensibly improve air quality by reducing carbon monoxide and ozone levels in the air. The October 2000 sampling event was the first time VOC samples were analyzed for MTBE. Since then, only one well (NEA-MW37-1D [OU10]), has had a detection of MTBE. All detected concentrations of MTBE in this well have been at

estimated concentrations below the reporting limit of  $5.0 \,\mu\text{g/L}$ . Detected concentrations have ranged from  $0.45 \,\mu\text{g/L}$  to  $0.64 \,\mu\text{g/L}$ . The October 2004 concentration in well NEA-MW37-1D was  $0.58 \,\mu\text{g/L}$ . This well is located behind a blast shield and between Taxiway B and Runway 5R (Figure 7-7). An MCL for MTBE has not been established.

### 7.2 Contaminant Concentration Trends by Investigation Area

The analytical data from the October 2004 LTM sampling event indicate that the concentrations of TCE, PCE, total 1,2-DCE, and vinyl chloride in groundwater are generally decreasing or are consistent with the Baseline event in April 1998 in most of the investigation areas. Trends in these VOC concentrations specific to each investigation area are discussed below.

### 7.2.1 Former Building 59 Complex

At the former Building 59 Complex, TCE and total 1,2 DCE groundwater concentrations have steadily increased in well B59-MW02 over the last three years. Although current concentrations are lower than the April 2004 detections, the concentrations remain elevated above those detected in previous years. At well –MW03, TCE, total 1,2-DCE, and vinyl chloride concentrations have decreased compared to the October 2003 concentrations, but are still consistent with previous detections (Table 6-2). Figure 7-1 illustrates the approximate extent of the October 2004 TCE concentrations in groundwater at the former Building 59 Complex. The TCE plume is centered over –MW02 and extends through –MW03 and out towards –MW04. TCE concentrations have fluctuated and generally increased at –MW02 and –MW03 since these wells were installed. However, at –MW04, TCE concentrations have decreased since installation and have recently only been detected at estimated concentrations below the reporting limit.

Figure 7-2 shows the approximate location of the total 1,2-DCE groundwater concentrations at the former Building 59 Complex during the October 2004 sampling event. Total 1,2-DCE has been detected above the MCL in well B59-MW02 since it was installed in October 1998 (Table 6-2). Detections at well -MW03 have historically ranged from a high of 406  $\mu$ g/L in April 1999 to a low of 61.2  $\mu$ g/L in October 2002. The October 2004 concentration of 1,2-DCE at -MW03 is consistent with previous detections. Well –MW04 has consistently had detections of total 1,2-DCE, however, concentrations have never exceeded the MCL.

Figure 7-3 shows the approximate location of the vinyl chloride groundwater concentrations at the former Building 59 Complex during the October 2004 sampling event. While vinyl chloride

has been consistently detected at –MW02, concentrations have fluctuated ranging from a low of  $10 \,\mu g/L$  in April 2000 to a high of 57  $\,\mu g/L$  detected during the current event. Well –MW04 has had intermittent detections of vinyl chloride at concentrations above the MCL, including the current concentration of 2.6  $\,\mu g/L$ .

The suspected source of the contamination (sludge from the sumps and the oil/water separator) was removed over the period of March 24 through April 7, 1999. After the building removal was complete, the site was back-filled with soil, re-graded, and paved in March 2001 (IT, 2002d). This removal action is described further in Appendix A4. Monitoring wells -MW02 and -MW03 are completed entirely into the limestone bedrock to depths of 31 and 20 feet, bgs, respectively. Monitoring well -MW01 has 5.5 feet of screen in the unconsolidated overburden and 4.5 feet of screen in the weathered limestone bedrock. Well -MW04 is screened six feet in the overburden and four feet into weathered bedrock. Wells -MW01 and -MW04 are completed to depths of 15.5 and 17.5 feet, bgs, respectively. WPAFB is currently evaluating the potential for using in-situ remediation to reduce the levels of VOCs in this area.

### 7.2.2 Former Buildings 79 and 95 Complex

The four monitoring wells at the former Building 79 Complex were installed in February 2002 (Appendix A4). They have been sampled semi-annually since installation. TCE concentrations showed an initial increase in the downgradient and upgradient wells, B79C/D-MW01 and -MW04, in September 2002. Over the next several sampling events, TCE concentrations were steady until the April 2004 event, when concentrations increased at both locations to the highest concentration detected to date. The October 2004 TCE concentration at well -MW01 remained the same as the April 2004 concentration. However, at -MW04, the TCE concentration increased again. TCE concentrations in wells -MW02 and -MW03 during the September 2002 round were consistent with concentrations detected after installation. Over the next three sampling events, TCE concentrations began to decrease at these locations. The October 2004 concentrations are similar to those detected over the last three years. Figure 7-4 illustrates the approximate extent of the current TCE plume. Figure 7-5 is a geologic cross section showing the vertical distribution of TCE through the former Building 79 area. The cross section location is shown on Figure 7-4. Overall, the location of the TCE plume identified during the site investigation activities has not significantly changed, indicating that conditions are generally stable. Continued semi-annual monitoring will identify any changes in the contaminant concentrations.

#### 7.2.3 Burial Site 5

Since 1997, PCE has been detected at wells BS5 P-3 and P-4 at concentrations that have consistently ranged from  $16 \mu g/L$  to  $33 \mu g/L$ . Figure 7-6 illustrates the plume around the P-3 and P-4 well cluster. Well BS5 P-1 has had an average PCE concentration of approximately  $1 \mu g/L$  since November 1998. PCE has never been detected in well BS5 P-2.

#### 7.2.4 OU2 and OU3

At OU2 and OU3, TCE has either not been detected or has been detected below the MCL since the 1992 and 1993 sampling events. In the vicinity of well NEA-MW27-3I, a wetland pump-and-treat remediation system has been in operation since the summer of 2000. As seen in Table 6-2, PCE concentrations have been decreasing slightly since the system began operating. Future sampling will determine if the system will reduce PCE concentrations to below the MCL. This location is included in the plume that extends through much of OU10 (Figure 7-7).

#### 7.2.5 OU4

Figure 7-8 illustrates the approximate extent of the current TCE plume. Over the last year, TCE was detected at its lowest historical levels at wells OU4-MW-02B, -MW-03B, and -MW-03C (Table 6-2). In addition, TCE concentrations dropped below the MCL at wells OU4-MW-03B, -MW-03C and -MW-12B. Overall, the OU4 area shows that VOC concentrations have been stable or are generally decreasing since the Baseline event. The exception is well OU4-MW-12B, where PCE concentrations have increased slightly since the Baseline event to the current concentration of 11  $\mu$ g/L. Over the same time period, TCE concentrations have decreased at OU4-MW-12B from 11  $\mu$ g/L in 1998 to the current concentration of 4.5  $\mu$ g/L (Figure 6-25). Continued semi-annual monitoring will identify if concentrations of PCE, and any other daughter products, continue to increase as TCE degrades.

#### 7.2.6 OU5

TCE concentrations at OU5 remained consistent with recent sampling rounds with the exception of well CW05-055. The TCE concentration in well CW05-055 decreased from 15  $\mu$ g/L in April 2003 to an estimated concentration of 1.0  $\mu$ g/L in October 2004. As seen in Figure 7-9, TCE appears to occur in two separate plumes. One plume emanates from LF5 and is centered on extraction well EW-1 and monitoring well CW05-085 (43  $\mu$ g/L). Concentrations of TCE in wells CW05-055, CW05-085, HD-11, MW131S, and MW131M have historically decreased after the GWTS was placed in operation in December 1991. After the first few years of GWTS operation, TCE

concentrations in these wells reached relatively constant levels. After the permanganate injection pilot test was conducted in June and July 2000 (IT, 2001c), TCE concentrations increased at wells CW05-055 and HD-11 during the subsequent sampling events in 2001 and 2002. Beginning in 2003, concentrations dropped at both wells to the current concentrations of 1.0  $\mu$ g/L and 8.5  $\mu$ g/L, respectively. In addition, TCE concentrations decreased at well CW05-085 after the permanganate injection test. Over the last two years, TCE concentrations have fluctuated between 50  $\mu$ g/L and 38  $\mu$ g/L, which are historically low levels at CW05-085. At wells MW131M and MW131S, TCE concentrations have decreased since the permanganate injection pilot test to either estimated concentrations below the reporting limit or were not detected.

The other TCE plume is centered on Huffman Preserve well MW132S (25 µg/L). At well MW132S, current TCE concentrations are consistent with those detected since 1992. Figures 7-10 and 7-11 are geologic cross sections A-A' and B-B', respectively, through the OU5 area. Cross section locations are shown on Figure 3-2. Figure 7-10 shows the vertical distribution of TCE in the downgradient direction, from the landfill toward Huffman Dam. On Figure 7-10, the two plume centers previously delineated on Figure 7-9 are clearly shown. Figure 7-11 presents a cross-gradient view of the TCE plume immediately downgradient of EW-1.

PCE concentrations in wells HD-12S and MW131S decreased during the first few years the GWTS was in operation. At well MW131S, concentrations have been below the MCL since September 1995 and recent detections of PCE have been at estimated concentrations below the reporting limit ( $1.0 \,\mu g/L$ ). PCE concentrations at well HD-12S have recently dropped below the MCL with the current concentration of  $2.7 \,\mu g/L$ . Historically, the PCE plume at OU5 has been centered on well HD-12S, with the fringes of the plume extending toward MW132S. As seen in Figure 7-12, the current round also displays a similar trend. However, due to the recent decrease in concentration at MW132S ( $2.0 \,\mu g/L$ ) and only an estimated concentration detected between MW132S and HD-12S, two plumes are displayed on Figure 7-12. PCE has been detected at MW132S since 1992 and concentrations have dropped to below or near the MCL since November 2000 with this current round having the lowest detected concentration to date.

As seen in Figure 7-12, the current vinyl chloride plume is centered on well MW131M. In the early 1990s as TCE concentrations decreased at wells MW131M and HD-13S, vinyl chloride was detected. Prior to the injection pilot test, vinyl chloride had been intermittently detected at well HD-13S. After the injection pilot test, TCE has been consistently detected at HD-13S with some

concentrations exceeding the MCL. After vinyl chloride was first detected in 1994 at well MW131M (1.0  $\mu$ g/L), concentrations have fluctuated from non-detect (1995 and October 2003), to a high of 22  $\mu$ g/L in April 1999. Continued semi-annual monitoring will identify any trends in the concentrations of PCE and vinyl chloride, or any other daughter products, as TCE degrades.

These general trends indicate the extent of the capture area of EW-1 and the effectiveness of the groundwater treatment system at LF5. The vicinity of well MW132S, however, appears to be outside of the EW-1 capture zone and VOC concentrations are not being affected.

#### 7.2.7 OU8

During the October 2004 event, VOCs were either not detected or were detected at estimated concentrations below the reporting limit at well CW03-77. Since the Baseline event in 1998, TCE concentrations have decreased and PCE concentrations have stabilized at 1.1 µg/L or less.

#### 7.2.8 OU10/CHP4

Over the past several years, TCE concentrations have remained generally stable or decreasing at the wells closest to CHP4 (wells 23-578-M and CHP4-MW01). The TCE concentration in well 23-578-M has recently decreased to below the MCL. Figure 7-13 shows the approximate extent of the TCE plume at OU10/CHP4, which is centered on well 23-578-M. Figure 7-14 illustrates the approximate extent of the PCE plume, which is centered on well GR-330 near the Base Medical Center. This well has had consistent detections of PCE since 1993. However, PCE concentrations began to increase in April 2002, and concentrations have remained consistent over the last several sampling events. Well GR-330 is an upgradient Base boundary well located on the downgradient side of a bedrock high. As seen in Figure 7-15, a shopping complex on Kauffman Road sits on top of the bedrock high (IT, 1996). The bedrock drops off sharply towards the southwest (approaching well GR-330) but slopes more gently to the north over Kittyhawk Center. In addition, there is no known source of contamination originating from WPAFB.

#### 7.2.9 OU10

Overall, VOC concentrations at OU10 have been stable to generally decreasing since the Baseline event. The exception is well OU10-MW11D, where TCE concentrations have fluctuated and generally increased since April 1998. The VOC concentrations detected during the October 2004 event are consistent with previous sampling events. Figure 7-7 shows the current PCE and TCE plumes at OU10. There are three areas within OU10 where TCE detections occur. Wells

OU10-MW06S, OU10-MW11D and OU10-MW21S typically have the highest detected concentrations. Historically, monitoring wells GR-333, OU10-MW-06S, OU10-MW-11D, OU10-MW19D, and OU10-MW21S have had TCE detected consistently since 1994. The PCE plume is centered between OU2 well NEA-MW27-3I and OU10-MW11S. Three wells have had PCE detected consistently since 1994 (OU10-MW03S, OU10-MW11S, and OU10-MW25S). The TCE degradation daughter products 1,2-DCE and vinyl chloride have never been detected at these OU10 wells. Continued semi-annual monitoring will help identify contaminant trends.

### 7.3 Inorganic Analytical Results

Basewide LTM sampling for annual inorganic analysis is conducted in April.

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# Table 2-1 OU1 Monitoring Well Sampling Field Parameters Wright-Patterson AFB, Ohio Page 1 of 7

		Га	30 1 01	<i>'</i>					
Well Number	Date	Static Water	Temp. (C°)	pH	Conductivity	Turbidity	ORP	DO	Well Went
Well Number	Sampled	Level (ft, TOC)	(0)	(SU)	(mS/cm)	(NTU)	(mV)	(mg/L)	Dry (Y/N)
<u>Lationity</u>	i i								
LF08-MW02A	10/12/99	5.81	13.20	6.81	1.530	18.0	-48.5	8.21	N
Screened Interval = 43.7-53.7 ft bgs	10/23/00	5.58	14.20	7.52	1.200	0.0	-190.7	0.52	N
Ground Surface Elevation = 891.76 ft MSL	10/03/01	5.03	12.78	7.58	2.835	16.5	-104.4	80.0	Y
	10/02/02	5.14 4.76	19.25 13.23	7.21 7.12	1.910 2.090	24.1 23.4	-148.0	0.90 0.66	N N
	10/01/03	9.76 5.55	14.40	7.12	1.420	0.0	-143.0 -160.0	0.86	N
	10/03/04	5.55	14.40	7.55	1.420	0.0	-100.0	0.21	,,,
LF08-MW02C	10/12/99	12.96	14.70	7.15	0.933	20.0	-42.8	5.96	N
Screened Interval = 11.7-21.7 ft bgs	10/13/00	13.05	14.30	7.28	1.050	3.0	129.5	2.51	N
Ground Surface Elevation = 895.61 ft MSL	04/23/01	13.72	14.00	7.20	0.858	0.0	-97.4	2.73	N
	10/04/01	13.05	14.24	6.95	2.259	13.5	-74.4	7.85	N
	04/30/02 10/02/02	11.50 12.45	11.90 17.97	6.91 7.16	0.963 0.947	12.0 2.0	-92.0 -116.0	0.00 1.22	N N
	04/21/03	13.88	11.00	7.10	0.952	114.0	-84.0	0.00	N
	10/01/03	12.85	13.46	6.96	0.896	25.0	-90.0	2.41	N
	04/29/04	12.03	11.04	6.88	0.838	22.6	-109.0	7.43	N
	10/06/04	13.40	13.02	7.25	0.793	0.0	-118.0	0.00	N
LF08-MW05B	11/02/00	20.67	14.80	7.67	1.000	0.0	52.7	6.79	N
Screened Interval = 41.7-51.7 ft bgs Ground Surface Elevation = 949.17 ft MSL	04/23/01	19.68	16.30	7.13 7.25	0.845	0.0	-142.4 -89.2	1.12	N N
Ground Surface Elevation = 949.17 R MSL	10/02/01 04/29/02	19.88 16.59	15.21 12.30	7.25 7.20	0.929 0.896	5.6 1.4	-89.2 -105.0	1.52 3.05	N
	10/03/02	20.65	16.44	7.23	0.930	13.7	-98.0	3.68	N
	04/11/03	16.36	12.34	7.45	1.090	16.8	-127.0	1.27	Ň
	10/09/03	19.02	13.96	7.39	0.930	9.6	-147.0	4.31	N
	04/28/04	17.11	14.24	7.36	0.980	9.3	-145.0	1.36	N
	10/05/04	21.20	12.95	7.48	0.990	0.0	-174.0	0.56	N
LF08-MW08A	10/24/00	6.00	14.00	7.42	0.722	7.0	116 1	0.09	N
Screened Interval = 17.0-32.0 ft bgs	10/24/00	6.00 3.83	15.96	7.43 7.05	0.752	10.4	-116.1 -68.7	2.34	N
Ground Surface Elevation = 875.23 ft MSL	10/08/02	4.95	15.72	7.31	0.729	7.3	-93.0	2.97	N.
	10/13/03	3.78	13.86	6.97	0.716	0.0	-108.0	5.20	N
	10/05/04	5.42	15.28	7.40	0.699	13.9	-139.0	0.34	N
. =====================================									
LF08-MW08B	10/24/00	5.00	14.90	7.43	0.721	0.0	-95.0	0.79	N
Screened Interval = 16.67-22.0 ft bgs Ground Surface Elevation = 878.63 ft MSL	04/24/01 10/09/01	2.38 5.49	12.50 14.30	6.98 7.11	0.615 0.840	5.0 19.0	-207.2 -23.8	0.39 4.91	N N
Ground Sunace Elevator; = 878.03 R MSE	04/29/02	1.68	11.20	7.04	0.757	17.2	-76.0	0.00	N
	10/08/02	4.33	14.52	7.30	0.736	0.2	-59.0	0.68	N
	04/08/03	3.61	10.38	7.18	0.875	12.6	-88.0	0.00	N
	10/09/03	3.68	15.91	7.26	0.407	18.2	-142.0	0.00	N
	04/14/04	1.83	15.84	7.15	0.792	20.1	-80.0	1.08	N
	10/05/04	4.97	13.62	7.32	0.670	4.8	-109.0	2.84	N
LF08-MW08C	10/24/00^	7.73	16.20	7.32	0.920	6.0	169.6	10.19	Υ
Screened Interval = 6.7-11.7 ft bas	10/24/00	7.73	16.43	7.02	1.007	113.0	225.1	0.25	Ϋ́
Ground Surface Elevation = 875.16 ft MSL	10/08/02^	6.73	15.44	7.31	1.170	92.2	159.0	9.33	Ÿ
STOURD SURFACE EXCEPTION - STOCK TO THE MODE	10/16/03 <sup>C</sup>	9.55	15.50	6.20	1.470	25.0	171.0	9.26	Ÿ
	10/05/04 <sup>C</sup>	9.80	15.52	7.30	1.030	38.7	140.0	5.81	Ý
			,,,,,,					•.•.	
LF08-MW09A	10/12/99	17.32	15.00	7.41	0.813	7.0	157.2	4.67	N
Screened Interval = 25.2-30.2 ft bgs	10/23/00	15.36	14.30	7.15	0.425	0.0	141.8	7.46	N
Ground Surface Elevation = 855.38 ft MSL	04/24/01	15.48	11.30	7.17	0.677	0.0	-125.0	5.36	N
	10/08/01	16.47	12.12	7.52	0.898	0.0	3.5	11.15	N
	04/29/02 10/14/02	14.23 14.46	10.80 12.66	7.28 7.50	0.825 0.808	10.9 12.6	172.0 141.0	8.18 10.01	N N
	04/08/03	14.90	8.43	7.16	0.950	14.1	211.0	6.42	N
	10/14/03	13.72	12.79	7.26	0.449	7.3	117.0	6.42	N
	04/14/04	13.80	10.89	7.13	0.855	6.5	190.0	2.33	N
	10/18/04	14.10	10.74	7.38	0.802	23.1	104.0	6.08	N
I FOO NAMES OF	40/45/55	45	40		4 400	00.0	4		
LF08-MW09B	10/12/99	15.07	13.60	6.95	1.120	23.0	157.9	2.54	N
Screened Interval = 13.7-18.7 ft bgs Ground Surface Elevation = 853.33 ft MSL	10/23/00	14.60	14.80	6.54 6.77	0.605	0.0	147.3	2.50 7.40	N N
STOUTH SURFACE ENEVARION = 000.00 IL MOL	10/08/01 10/14/02	16.27 14.05	14.64 12.97	6.77 6.89	1.292 1.260	0.0 -0.3	46.5 208.0	3.99	N N
	1011706	17.00	12.37	0.03	1.200	0.0	200.0	0.00	14
	10/14/03	13.28	13.66	6.76	1.200	1.2	200.0	4.05	N

# Table 2-1 OU1 Monitoring Well Sampling Field Parameters Wright-Patterson AFB, Ohio Page 2 of 7

		<del></del>			r — — i				<del></del>
	Date	Static Water	Temp.	pН	Conductivity	Turbidity	ORP	DO	Well Went
Well Number	Sampled	Level (ft, TOC)	(C°)	(SU)	(mS/cm)	(NTU)	(mV)	(mg/L)	Dry (Y/N)
		1							-
LF08-MW10A	10/12/99	26.42	15.70	7.19	0.762	2.0	-189.0	1.58	N
Screened Interval = 53.7-63.7 ft bgs	10/25/00	27.76	13.70	6.83	0.428	1.0	-144.4	0.62	N
Ground Surface Elevation = 909.90 ft MSL	10/03/01	26.32	15.61	7.12	0.816	0.0	-78.4	3.03	N
	10/14/02	24.62 23.80	12.62 14.37	7.30 7.22	0.818	9.7	-140.0	1.32 0.00	N N
	10/20/04	25.36 25.36	13.66	7.22 7.18	0.430 0.740	12.1 4.2	-171.0 -177.0	0.00	N
	10/20/04	20.30	13.00	7.10	0.740	4.2	-177.0	0.00	14
LF08-MW10B	10/18/99	24.11	14.00	6.72	1.810	0.0	-29.1	1.18	N
Screened Interval = 29.8-34.8 ft bgs	10/25/00	25.20	14.00	6.26	1.600	24.0	-22.4	0.99	N
Ground Surface Elevation = 912.27 ft MSL	04/24/01	20.60	14.20	6.51	1.580	0.0	-160.0	0.86	N
	10/03/01	23.06	16.16	6.53	1.922	ERR	11.7	5.73	N
	04/29/02	17.02	12.60	6.54	1.900	16.0	-6.0	0.00	N
	10/14/02	19.18	13.56	6.88	1.610	-1.4	-41.0	3.09	N
	04/15/03	19.40	14.30	6.70	1.390	0.0	-13.0	1.02	N
	10/06/03	19.69	15.27	6.83	0.726	6.8	-57.0	0.32	N
	04/19/04 10/12/04	18.49 23.81	13.92 13.81	6.90 6.61	1.160 1.370	6.7 20.1	-32.0 -79.0	2.10 0.42	N N
	10/12/04	23.01	13.01	0.01	1.370	20.1	-19.0	0.42	14
LF08-MW10C	10/20/99 <sup>8</sup>	23.22	12.10	6.68	1.860	140.0	67.8	8.90	Y
Screened Interval = 17.5-22.5 ft bgs	10/25/00	DRY			- Well Dry	-		o.50 →	Ý
Ground Surface Elevation = 909.87 ft MSL	10/03/01	DRY		es collected		_	_	_	Ý
	10/11/02 <sup>c</sup>	18.74	15.72	6.66	1.050	6.7	184.0	5.44	Ý
	10/06/03	19.10	14.71	7.05	0.649	6.6	20.0	1.34	Ń
	10/20/04	BTP	14.79	7.04	1.420	7.4	91.0	0.73	N
LF08-MW11A	10/08/02	13.92	13.92	7.42	0.557	2.1	-111.0	1.26	N
Screened Interval = 49.8-54.8 ft bgs	10/09/03	11.01	14.80	7.47	0.464	8.2	-128.0	0.55	N
Ground Surface Elevation = 932.51 ft MSL	10/13/04	12.71	14.86	7.14	0.515	24.8	-144.0	0.66	N
LEGG ARMAID	040404	0.00	44.00	0.40	0.004	0.0	450.7	7.07	
LF08-MW11B Screened Interval = 31.8-42.0 ft bgs	04/24/01 10/09/01	9.92 12.22	11.80 16.09	8.48 6.97	0.681 1.192	0.0 8.1	-152.7 -60.1	7.07 8.52	N N
Ground Surface Elevation = 932.74 ft MSL	05/01/02	8.70	13.80	6.83	1.180	5.8	-98.0	0.00	N
Ground Canado Ercyalon 532.14 K MOE	10/07/02	12.81	14.91	7.06	1.100	5.9	-132.0	0.17	Ň
	04/11/03	7.79	13.30	7.19	1.250	12.3	-115.0	0.76	N
	10/08/03	9.83	14.77	6.87	1.150	23.2	-113.0	0.29	N
	04/21/04	8.59	13.33	7.12	1.160	61.4	-115.0	0.39	N
	10/13/04	12.05	14.48	6.71	0.970	24.1	-150.0	0.38	N
	[		ļ						
LF08-MW11C	10/09/02 <sup>c</sup>	11.92	18.87	7.26	1.240	2.8	141.0	4.20	Υ
Screened Interval ≈ 12.5-22.5 ft bgs	10/09/03	8.93	16.23	6.84	1.330	11.3	79.0	0.40	N
Ground Surface Elevation = 933.22 ft MSL	10/13/04	11.14	15.78	6.77	1.290	1.3	111.0	0.38	N
LF08-MW101	10/20/99^	33.46	13.20	7.41	0.484	off scale	NR	ERR	Y
Screened Interval = 56.0-66.0 ft bgs	10/24/00	34.60	14.00	6.99	0.219	14.0	-166.1	0.23	N
Ground Surface Elevation = 925.72 ft MSL	04/24/01	30.58	11.00	7.58	0.546	0.0	-145.6	1.06	N
	10/01/01 04/29/02	31.50 35.63	17.33 13.50	7.56 7.54	0.594 0.298	25.1 10.4	-77.1 71.0	1.88 6.04	N
	10/07/02	31.55	18.25	7.33	0.385	7.1	-67.0	0.42	N
	04/11/03	29.45	11.91	7.26	0.679	21.0	-118.0	1.17	N
	10/01/03	30.69	16.45	7.05	0.644	11.8	-158.0	3.44	N
	04/14/04	29.15	9.88	6.85	0.264	27.2	32.0	5.89	N
	10/04/04	32.00	15.96	7.71	0.847	10.9	-188.0	1.03	N
	]	'							
LF08-MW102	10/19/99	39.50	13.50	6.88	0.404	21.0	-122.5	ERR	N
Screened Interval = 61.0-71.0 ft bgs	10/18/00	37.94	11.00	7.44	0.726	1.0	-77.2	6.29	N
Ground Surface Elevation ≈ 933.69 ft MSL	04/24/01	35.86	12.00	7.45	0.498	0.0	-23.3	3.20	N
	10/01/01	38.32	15.72	4.83	0.633	0.0	-4.2	2.06	N
	04/29/02	34.60	12.00	7.64	0.226	4.8	65.0	4.60	N N
	10/07/02 04/10/03	36.72 34.88	16.34	8.04	0.483	1.3	121.0 -2.0	2.08 1.75	N
	09/30/03	34.88	12.76 14.90	8.48 7.98	0.483 0.345	11.4 10.7	58.0	2.98	N
	04/14/04	30.18	12.24	7.96 7.75	0.343	0.0	101.0	ERR	N
	10/06/04	37.09	15.83	7.27	0.494	0.0	-119.0	0.22	N
	10,00,07	57.05	10.00	1.41	0,707	0.0	. 10.0	U.E.E.	- 13

# Table 2-1 OU1 Monitoring Well Sampling Field Parameters Wright-Patterson AFB, Ohio Page 3 of 7

							T		
Well Number	Date Sampled	Static Water Level (ft, TOC)	Temp. (C*)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)	DO (mg/L)	Well Wen Dry (Y/N)
VVCH INCHIDOI	Campiou	28461 (IL, 100)	(0)	(30)	(mozem)	(1110)	1 ()	(mg/L)	DIY (17.14)
LF08-MW103	10/19/99	35.93	13.80	7.05	0.505	4.0	-154.4	ERR	N
Screened Interval = 56.0-66.0 ft bgs	10/24/00	37.35	14.70	6.98	0.274	4.0	-123.3	1.87	N
Ground Surface Elevation ≈ 937.16 ft MSL	04/24/01	35.00	19.40	7.61	0.365	0.0	-95.7	1.79	N
	10/01/01	35.01	17.26	7.37	0.540	7.5	-93.4	1.19	N
	04/29/02	29.38	12.80	7.52	0.178	18.8	-7.0	5.47	N
	10/07/02	35.60	14.78	7.40	0.437	0.9	-51.0	0.29	N
	04/10/03	34.40	12.37	7.63	0.307	11.0	-54.0	1.04	N
	09/30/03	35.18	14.90	7.31	0.264	11.0	-23.0	1.31	N
	04/14/04	33.48	12.90	7.59	0.209	21.4	111.0	ERR	N
	10/06/04	36.05	13.89	7.32	0.515	6.7	-162.0	0.66	N
LF08-MP013	10/17/02^	9.45	18.22	6.78	1.380	7.9	118.0	4.24	Υ
Screened Interval = 5.0-11.0 ft bgs	04/23/03	6.00	14.61	6.73	1.240	97.1	107.0	17.73	Ý
Ground Surface Elevation = 909.92 ft MSL	10/10/03	9.87	18.11	7.28	0.629	13.0	143.0	7.36	Ý
	04/23/04	6.00	11.03	7.24	0.987	10.6	92.0	0.00	Ň
	10/20/04	DRY			- Well Dry	-	_	-	Ÿ
02 DM 046 M	40/27/00	20.00	42.00	44.24	4.400	10.0	120.0	4.50	N
02-DM-81S-M	10/27/00	29.98	13.00	11.31	4.480	10.0	-128.9	4.50 5.60	N
Screened Interval = 31.3-36.3 ft bgs Ground Surface Elevation = 948.10 ft MSL	10/02/01	25.81	13.59	12.32	5.684	0.1	3.6		N N
Ground Surface Elevation = 948.10 ft MSL	10/03/02	26.80	14.66	12.19	6.720	0.4	-69.0	9.81	
	10/09/03	25.20 27.34	13.66 13.03	12.77 13.12	7.290 7.180	14.1 6.4	-161.0 -118.0	5.54 6.61	N N
02-DM-81D-M	10/30/00	30.29	15.20	7.32	0.845	48.0	-91.9	1.80	N
Screened Interval = 48.5-53.5 ft bgs	04/23/01	27.63	15.60	6.91	0.941	0.0	-134.9	1.59	N
Ground Surface Elevation = 949.67 ft MSL	10/02/01	28.88	14.08	6.95	1.011	0.4	-81.4	6.53	N
	04/29/02	25.85	12.20	6.76	1.010	1.3	-92.0	2.55	N
	10/03/02	29.45	15.22	7.10	1.080	6.0	-87.0	4.88	N
	04/22/03	28.34	11.00	7.06	1.130	0.0	-110.0	1.52	N
	10/13/03	28.19	13.05	7.06	0.593	20.1	-126.0	0.47	N
	04/23/04	26.10	11.80	7.03	0.960	6.8	-96.0	8.84	N
	10/05/04	29.78	13.38	7.45	1.060	20.1	-136.0	8.69	N
02-DM-82-M	10/30/00	12.58	11.70	7.30	0.800	5.0	-101.6	1.57	N
Screened Interval = 59.5-64.5 ft bgs	04/23/01	10.22	15.00	7.45	0.622	0.0	1.0	2.03	N
Ground Surface Elevation = 893.37 ft MSL	10/04/01	12.82	13.81	7.19	0.748	0.0	-55.4	0.83	N
	04/30/02	9.81	11.20	7.31	0.697	16.2	-40.0	1.14	N
	10/01/02	11.87	15.30	6.97	0.720	7.1	-67.0	1.07	N
	04/21/03	11.49	11.10	7.37	0.744	10.8	-46.0	0.00	N
	10/09/03	10.95	13.48	7.29	0.604	23.4	-82.0	0.45	N
	04/28/04	8.74	10.45	7.40	0.689	0.0	56.0	1.97	N
	10/05/04	12.26	11.87	7.42	0.608	0.0	-77.0	0.00	N
02-DM-83S-M	10/31/00	20.40	15.20	6.34	1.550	495.0	32.8	3.15	N
Screened Interval =12.0-17.0 ft bgs	04/25/01^	16.75	10.80	6.86	1.360	off scale	193.6	4.60	Y
Ground Surface Elevation = 913.32 ft MSL	)								Ϋ́
Ground Surface Elevation = 913.32 ft MSL	10/05/01^	17.60	15.91	6.79	0.015	942.0	184.4	1.30	
	04/29/02	14.70	10.70	6.82	1.470	12.1	183.0	10.47	N
	10/10/02	16.55	15.26	7.02	1.560	19.8	-4.0	6.53	N
	04/22/03	17.60	11.50	6.90	1.590	161.0	28.0	0.00	N
	10/08/03	16.42	16.59	6.80	0.711	7.3	26.0	1.22	N
	04/23/04	14.81	11.50	6.94	1.270	0.4	19.0	2.10	N
	10/20/04	18.58	15.62	7.00	1.420	1.1	100.0	5.73	N
02-DM-83D-M	10/31/00	17.00	14.10	6.61	0.439	0.0	285.4	0.37	N
Screened Interval = 37.1-47.1 ft bgs	10/02/01	14.60	17.31	6.74	0.732	0.0	136.9	0.55	N
Ground Surface Elevation = 910.70 ft MSL	10/10/02	13.58	15.47	7.26	0.775	8.3	65.0	1.11	N
	10/08/03	13.40	17.01	7.16	0.393	23.9	-24.0	0.00	N
	10/20/04	15.56	14.25	7.11	0.678	4.3	7.0	0.00	N
		2000	14.00	6.21	0.815	10.0	-108.1	0.75	N
02-DM-94-M	1 10/27/00 1				V.0 13	IV.U	-100.1	0.10	1.4
02-DM-84-M	10/27/00	22.90						1 77	K1
Screened Interval = 52.8-57.8 ft bgs	10/02/01	21.76	13.41	ERR	1.361	3.9	-77.1	1.77	N
	1							1.77 2.97 0.52	N N N

# Table 2-1 OU1 Monitoring Well Sampling Field Parameters Wright-Patterson AFB, Ohio Page 4 of 7

	<del></del>		ye 4 01	· 	<del></del>				
Well Number	Date Sampled	Static Water Level (ft, TOC)	Temp. (C°)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)	DO (mg/L)	Well Went Dry (Y/N)
andSil 40					<del></del>				
.andfill 10 LF10-MW03A	10/26/00 <sup>c</sup>	92.30	16.20	7.53	0.949	78.0	25.5	12.63	Y
Screened Interval = 86.0-91.0 ft bgs	04/26/01^	89.88	13.00	7.40	0.780	440.0	120.3	2.50	Ϋ́
Ground Surface Elevation = 907.49 ft MSL	10/05/01^	89.50	14.18	7.11	7.964	792.0	-8.6	2.77	Ý
Ordana Sonace Elevation - 307.43 it wee	04/30/02	89.76		es collected		732.0			Ý
	10/11/02	90.24			me samples co	llected, no fie	ld reading	s taken	Ÿ
	04/08/03	89.86			imples collected				Υ
	10/16/03^	89.58	12.54	5.80	0.484	6.5	199.0	3.21	Υ
	04/29/04 <sup>c</sup>	89.76	14.42	6.00	0.867	13.7	162.0	13.11	Υ
	10/13/04^	90.59	14.79	7.24	0.776	off scale	97.0	8.80	Υ
LF10-MW05B	10/12/99	20.41	11.70	7.05	0.553	0.0	15.0	ERR	N
Screened Interval = 27.0-34.2 ft bgs	10/25/00	20.51	13.00	7.03	0.792	0.0	-84.0	0.47	N
Ground Surface Elevation = 856.38 ft MSL	04/23/01	20.83	13.20	6.85	0.708	0.0	-83.8	0.45	N
	10/03/01 04/30/02	19.87 19.60	12.86 11.80	7.00 6.92	1.530 0.825	0.0 14.9	-16.2 6.0	0.66 0.00	N
	10/02/02	19.45	14.90	7.00	0.780	1.5	8.0	1.38	N
	04/21/03	19.75	11.92	6.97	1.020	0.0	-19.0	0.00	Ň
	09/30/03	19.15	11.96	7.04	0.706	10.2	-10.0	0.44	N
	04/23/04	19.26	11.65	7.03	0.722	0.0	21.0	0.00	N
	10/04/04	19.47	12.32	6.92	0.720	19.9	-57.0	0.56	N
LF10-MW05C	10/14/99	10.90			me samples co				Y
Screened Interval = 17.8-27.8 ft bgs	10/25/00	10.28	14.50	6.75	1.180	84.0	-89.5	12.09	N
Ground Surface Elevation = 856.64 ft MSL	10/03/01^	9.98 9.44	14.94 16.72	6.70 6. <b>66</b>	2.526 1.080	188.0 39.4	25.7 231.0	0.71 7.28	Y N
	09/30/03	9.50	15.49	6.52	1.200	2.9	76.0	0.71	N N
	10/06/04	BTP	15.24	6.66	1.270	0.0	-84.0	0.66	Y
LF10-MW06A	10/12/99	72.10	15.10	7.26	0.478	0.0	37.7	7.76	N
Screened Interval = 74.80-84.80 ft bgs	10/25/00	72.10	13.90	7.20	0.691	0.0	-50.1	6.71	N
Ground Surface Elevation = 894.62 ft MSL	04/25/01	72.54	13.40	7.27	0.592	0.0	52.5	6.38	N
	10/08/01	72.98	13.11	7.53	0.037	0.0	107.7	5.80	N
	04/30/02	71.86	13.80	7.43	0.648	0.2	26.0	8.51	N
	10/10/02	71.90 71.90	15.15	7.74 7.69	0.690	2.3	86.0	10.08 6.96	N N
	04/08/03 10/13/03	71.94	12.80 14.14	7.46	0.726 0.385	0.0 9.5	91.0 52.0	10.63	N
	04/22/04	71.80	13.04	7.54	0.664	4.2	105.0	NA	N
	10/11/04	71.98	13.94	7.84	0.680	0.0	47.0	11.03	N
LF10-MW6A-DUP*	10/25/00	67.07	No sample	es collected	- Well Dry		-	_	Y
Screened Interval = 55.0-65.0 ft bgs	10/09/01^	66.89	15.61	7.70	0.047	1205.0	133.5	1.92	Υ
Ground Surface Elevation = 892.09 ft MSL	10/10/02	66.83		es collected		-	-	-	Y
	10/14/03	66.75		es collected	•				Y
	10/12/04^	66.89	15.19	8.13	0.843	off scale	34.0	6.76	Υ
LF10-MW06B	10/12/99	36.00	22.30	7.07	0.590	0.0	-18.0	2.11	N
Screened Interval = 37.5-42.5 ft bgs	10/25/00	34.95	14.00	7.00	0.832	0.0	-97.3	0.63	Υ
Ground Surface Elevation = 891.90 ft MSL	10/08/01	34.30	13.43	6.94	0.046	10.0	-29.3	3.92	N
	10/10/02	34.43	15.21	7.13	0.831	2.2	-78.0	2.92	N
	10/13/03 10/11/04	34.00 34.57	13.76 14.45	7.13 7.26	0.460 0.865	1.6 0.0	-82.0 -125.0	2.35 2.73	N N
LF10-MW07A	10/26/00	53.30	13.10	7.27	0.885	0.0	-198.2	0.21	N
Screened Interval = 64.0-69.0 ft bgs	04/23/01	53.24	14.40	7.07	0.823	0.0	-158.7	0.53	N
Ground Surface Elevation = 897.54 ft MSL	10/04/01	52.47	15.31	7.23	0.936	0.3	-112.1	9.49	N
	04/30/02	51.88	13.30	7.15	0.905	0.0	-145.0	1.43	N
	10/03/02	51.63	16.82	7.39	0.992	3.2	-159.0	ERR	N
	04/21/03	51.70	12.71	7.52	1.130	13.2	-158.0	0.00	N
	10/08/03	51.27	13.31	7.30	1.030	0.0	-175.0	3.81	N
	04/23/04 10/11/04	50.94 51.07	12.51 13.41	7.20 7.30	0.905 0.874	2.7 4.7	-135.0 -179.0	7.22 0.47	N N
LF10-MW07B	10/26/00	DRY	iNo samo≽	es collected	- Well Drv				Υ
Screened Interval = 19.3-24.3 ft bgs	10/24/01	DRY		es collected		-		_	Ý
Ground Surface Elevation = 895.14 ft MSL	10/04/02	29.16		es collected			-	_	Ý
	10/08/03	28.55		es collected				-	Υ
	10/20/04	29.16	No sample	s collected	- Well Dry			_	Υ

# Table 2-1 OU1 Monitoring Well Sampling Field Parameters Wright-Patterson AFB, Ohlo Page 5 of 7

	<del></del>		1	-			1	· · · · · · · ·	
	Date	Static Water	Temp.	pН	Conductivity	Turbidity	ORP	DO	Well Went
Well Number	Sampled	Level (ft, TOC)	(C*)	(SU)	(mS/cm)	(NTU)	(mV)	(mg/L)	Dry (Y/N)
					_				
LF10-MW07C	10/26/00^	17.02	15.30	6.37	1.450	off scale	72.8	9.52	Y
Screened Interval = 9.3-14.3 ft bgs	10/04/01 <sup>c</sup>	11.79	19.11	6.64	1.631	13.4	103.9	6.64	Υ
Ground Surface Elevation = 895.98 ft MSL	10/04/02 <sup>c</sup>	10.49	18.97	6.70	1.670	7.1	209.0	4.06	Υ
	10/09/03 <sup>c</sup>	14.70	17.45	7.10	1.650	12.3	93.0	12.42	Υ
	10/11/04	14.66	16.71	6.65	1.480	0.0	103.0	1.31	N
i	1 .		ł						
LF10-MW08A-2	10/13/99	68.13	16.40	7.12	0.636	15.0	-72.3	ERR	N
Screened Interval = 79.9-89.9 ft bgs	10/18/00	67.16	12.60	6.75	0.553	22.0	-84.2	0.60	N
Ground Surface Elevation = 863.35 ft MSL	04/25/01	65.52	16.10	7.10	0.799	6.0	-90.7	1.40	N
	10/04/01	66.65	17.96	6.88	1.679	647.0	-33.4	5.16	N
<b>}</b>	05/01/02	65.02	13.60	7.19	0.832	0.9	-102.0	3.22	N
	10/16/02	66.84	13.22	7.12	1.020	1.0	-86.0	1.34	N
	04/15/03	66.05	14.19	7.33	1.040	23.3	-109.0	1.99	N N
	10/06/03	66.65	13.26	7.05 7.05	0.505 0.897	0.0 <b>4.</b> 3	-77.0 -77.0	0.60 3.48	N
	04/19/04 10/13/04	65.69 67.65	15.03 13.85	6.93	0.809	0.0	-88.0	0.49	N
	10/13/04	07.03	13.65	0.53	0.603	0.0	-00.0	0.43	14
LF10-MW08B	10/13/99	DRY	No sample	es collected -	- Well Drv				Υ
Screened Interval = 11.5-16.5 ft bgs	10/26/00	10.14	16.30	6.59	2.030	6.0	-38.6	0.48	N
Ground Surface Elevation = 862.36 ft MSL	10/08/01	BTP	16.34	6.48	0.103	6.7	-9.2	0.10	Ň
	10/14/02	11.03	17.12	7.01	2.180	7.3	-58.0	1.43	N
	10/09/03	11.56	15.40	6.86	2.190	0.0	-104.0	0.01	N
	10/18/04	11.95	14.60	6.80	3.080	0.5	-59.0	0.26	N
			ļ.						
LF10-MW09A	10/18/99	51.76	12.30	7.43	0.603	0.0	-20.5	0.79	N
Screened Interval = 77.0-87.0 ft bgs	10/30/00	51.58	12.50	7.35	0.755	0.0	-167.6	0.28	N
Ground Surface Elevation = 876.44 ft MSL	10/03/01	52.46	13.26	8.65	0.690	4.7	-29.4	1.04	N
	10/07/02	53.31	13.17	7.35	0.680	1.2	-120.0	0.45	N
İ	09/30/03	51.19	14.48	7.40	0.380	0.6	-82.0	0.58	N
	10/11/04	51.66	12.35	7.15	0.599	0.6	-105.0	88.0	N
LF10-MW09B	10/10/00	E4.0E	44.70	7.06	4 200	0.0	-108.7	1.42	N
Screened Interval = 47.0-57.0 ft bgs	10/18/99	51.05 50.89	11.70 13.40	7.06 7.02	1.290 1.250	0.0	-175.1	1.42	N
Ground Surface Elevation = 876.63 ft MSL	10/23/01	50.69	13.58	7.02	1.160	9.3	-106.8	7.12	N
GIOUNG SURACE Elevation - 670.03 It IMSE	10/07/02	52.90	12.64	7.01	1.230	1.4	-147.0	0.18	N
	09/30/03	50.87	12.40	6.84	0.658	2.4	-157.0	0.00	N
	10/11/04	50.89	12.34	7.06	0.990	0.0	-175.0	0.29	N
	10.11.0	00.00	,		0.000				
LF10-MW09C	10/18/99	36.65	12.60	7.18	1.140	6.0	-89.1	2.29	N
Screened interval = 31.05-41.10 ft bgs	10/30/00	36.68	12.00	7.10	1.150	1.0	-165.1	1.53	N
Ground Surface Elevation = 878.17 ft MSL	04/25/01	32.51	12.20	7.12	0.716	21.0	-23.9	8.43	N
	10/03/01	35.25	16.50	7.16	1.088	3.1	149.5	18.10	N
1	05/01/02	30.40	12.60	6.89	1.210	15.8	188.0	11.03	N
	10/07/02	37.46	13.53	7.05	1.170	1.3	-58.0	2.27	N
	04/22/03	31.76	11.80	6.96	1.430	22.1	100.0	12.14	N
	09/30/03	34.52	12.22	7.00	0.640	17.1	18.0	5.28	N
	04/23/04	31.18	11.34	6.84 7.04	1.220 0.940	114.9 17.5	228.0 -81.0	2.62 2.67	N N
	10/11/04	35.25	12.84	7.04	0.540	17.5	-01.0	2.07	IN.
LF10-MW10C	10/30/00	50.29	14.10	6.66	0.529	22.0	-31.1	0.81	N
Screened Interval = 56.0-66.0 ft bgs	04/26/01	46.71	12.40	7.06	0.802	0.0	155.6	0.56	N
Ground Surface Elevation = 844.19 ft MSL	10/09/01	47.89	15.37	6.41	0.910	1.0	231.2	0.64	N
	05/01/02	46.95	13.00	6.74	0.935	3.7	1.0	0.00	N
	10/08/02	47.80	13.13	7.17	0.954	-0.2	-31.0	0.59	Ň
	04/08/03	46.88	12.50	7.08	0.957	0.0	16.0	0.00	Ň
	09/30/03	47.57	13.74	7.03	0.823	0.1	-32.0	3.65	N
	04/22/04	46.80	12.67	7.01	1.000	0.0	141.0	0.59	N
	10/06/04	48.80	13.63	7.09	0.775	0.0	<b>-4</b> 5.0	0.00	N
	{								
LF10-MW11A	10/14/99	30.56	12.60	7.51	0.608	9.0	-72.2	3.47	N
Screened Interval = 61.7-71.7 ft bgs	10/30/00	33.40	10.80	6.81	0.413	0.0	-106.2	0.76	N
Ground Surface Elevation = 851.76 ft MSL	10/04/01	30.10	15.24	7.21	0.671	8.0	-42.1	4.68	N
	10/03/02	30.06	15.09	7.21	0.690	3.1	-102.0	0.58	N
	10/14/03	29.81	12.15	7.25	0.659	1.3	-127.0	3.18	N
	10/11/04	30.47	12.88	6.47	0.649	7.1	-126.0	2.99	<u>N</u>

# Table 2-1 OU1 Monitoring Well Sampling Field Parameters Wright-Patterson AFB, Ohio Page 6 of 7

Well Number	Date Sampled	Static Water Level (ft, TOC)	Temp. (C*)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)	DO (mg/L)	Well Went Dry (Y/N)
L 540 MM444D	40/44/00	27.05	42.40	7.50	4.000	40.0	70.0	4.00	*1
LF10-MW11B Screened Interval = 30.2-40.2 ft bgs	10/14/99 10/30/00	27.95	13.10	7.58	1.000	18.0	-73.3	1.26	N N
Ground Surface Elevation = 852.55 ft MSL		30.40	11.80	6.66	0.641	11.0	-90.6	1.86	-
	10/05/01	28.09	14.15	6.91	1.068	7.1	-59.4	1.51	N
Duplicate		28.40	11.50	7.00	1.036	2.1	81.9	5.08	N
	10/03/02	28.23	15.21	6.88	1.060	2.9	-101.0	0.41	N
	10/15/03	28.25	11.63	6.77	1.110	14.4	-99.0	4.30	N
	10/12/04	28.31	12.76	6.89	0.986	16.6	-127.0	1.30	N
LF10-MW102	10/18/99	62.34			me samples co	llected, no fie	ld reading	js taken	Υ
Screened Interval = 55.0-66.0 ft bgs	10/25/00	64.78		s collected		-	-	-	Y
Ground Surface Elevation = 891.25 ft MSL	04/25/01	DRY		s collected		-		-	Y
	10/05/01	DRY	No sample	s collected	<ul><li>Well Dry</li></ul>	_		-	Y
	05/01/02	DRY			Well Dry	-	-	-	Υ
	10/08/02	DRY	No sample	es collected	<ul> <li>Well Dry</li> </ul>	_		-	Υ
	04/23/03	DRY	No sample	s collected	Well Dry	-	-	-	Y
	10/09/03	DRY	No sample	s collected	- Well Dry		_	-	Y
	04/28/04	DRY	No sample	s collected	Well Dry	~	_	_	Y
	10/06/04	DRY	No sample	s collected	Well Dry				Y
LF10-MW103	10/19/99 <sup>A</sup>	32.81	13.90	6.40	1.360	455.0	-49.6	ERR	Y
Screened Interval = 32.0-42.0 ft bgs	10/26/00	36.60	16.70	6.27	1.700	6.0	-49.0 -89.7	0.64	Ÿ
Ground Surface Elevation = 909.65 ft MSL	04/25/01	32.70	12.50	6.58	1.380	361.0	-52.2	2.47	Ņ
Ground Garlace Elevation - 300.00 K MGE	10/08/01*	33.89	14.78	6.32	1.894	42.0	-59.5	6.51	Y
	05/01/02	32.45				42.0	-39.3	0.51	Ϋ́
				s collected	-				
	10/08/02^	33.59	19.38	6.77	1.020	12.5	-82.0	3.47	Y
	04/23/03 <sup>c</sup>	32.92	13.95	6.80	1.100	106.0	28.0	19.99	Y
	10/10/03 <sup>c</sup>	32.73	16.15	5.84	0.470	12.0	0.88	6.76	Υ
	04/23/04 <sup>C</sup>	31.96	11.45	6.75	0.847	69.8	34.0	6.45	Y
	10/07/04 <sup>C</sup>	32.26	15.15	6.23	0.794	24.7	205.0	8.56	Y
LF10-MW104	10/18/99	DRY	No cample	s collected	Woll Day			_	Υ
Screened Interval = 60.0-70.0 ft bgs	10/16/99	DRY		s collected		-		_	Ý
Ground Surface Elevation = 909.40 ft MSL					•			_	Ϋ́
Ground Surface Elevation = 909.40 ft MSL	04/25/01	DRY		s collected					
	10/05/01	DRY		s collected			-	-	Y
	05/01/02	DRY		s collected	•		-	_	Y Y
	10/07/02	DRY		s collected			-		
	04/17/03	68.26		s collected				-	Y
	10/09/03	DRY		s collected	•	-	_		Y
	04/29/04 10/06/04	64.41 DRY	13.29 No sample	8.04 s collected	1.370 Well Drv	66.0	141	13.10	Y Y
			,		•				
LF10-MW105	10/14/99	46.58	13.20	7.62	0.413	19.0	197.3	1.22	Υ
Screened Interval = 53.0-63.0 ft bgs	10/26/00	48.36	12.40	7.10	0.368	2.0	164.5	1.30	Y
Ground Surface Elevation = 873.02 ft MSL	04/25/01	46.14	12.20	7.25	0.513	1.0	-116.8	2.86	Y
i	10/05/014	46.75	14.21	7.41	0.636	1.8	75.0	1.80	Y
	04/30/02	45.74	12.70	7.02	0.578	0.4	46.0	2.27	Υ
	10/02/02	45.85	17.83	7.68	0.641	1.6	73.0	1.30	Υ
Į	04/23/03 <sup>c</sup>	45.85	12.53	7.16	0.793	10.6	-72.0	14.24	Υ
	10/10/03 <sup>8</sup>	45.96	15.05	7.16	0.339	10.2	96.0	5.01	Ý
	04/29/04 <sup>B</sup>	45.64	13.10			23.1	185.0	7.28	Y
į	10/07/04	46.10	14.23	6.69 7.51	0.650 0.592	18.2	-15.0	0.85	Y
						7-5			
01-DM-102S-M	10/30/00	26.03		s collected	- ,	_			Y
Screened Interval = 17.9-22.9 ft bgs	10/09/01	25.90	15.91	7.80	NR	471.4	283.8	9.69	Υ
Ground Surface Elevation = 842.50 ft MSL	10/08/02	25.88		s collected		-	-	-	Y
	10/16/03	25.94			me samples co	llected, no fie	ld reading	s taken	Υ
	10/13/04	25.82	No sample	s collected	- Well Dry	-	-	-	Y
01-DM-102D-M	10/31/00	48.27	13.50	7.97	0.931	42.0	89.1	2.35	N
Screened Interval = 51.5-56.5 ft bgs	04/25/01	46.51	13.00	8.62	0.440	14.0	-173.3	1.33	N
Ground Surface Elevation = 844.27 ft MSL	10/08/01	48.00	16.73	8.49	0.487	662.0	246.3	2.42	N
The state of the s	05/01/02	45.80	13.40	7.31	0.765	16.5	113.0	2.27	N
J	10/08/02	47.86	15.86	8.13	0.633	27.9	76.0	4.95	N
ł	04/08/03	46.95	12.70	7.55	0.747	45.6	136.0	1.75	N
		46.95 47.72	14.78	7.55 7.23	0.747	45.6 28.1	109.0	5.82	N
				( Z.)	บ. เ อฮ	/0 /	103.0	J.OZ	14
1	09/30/03   04/22/04	47.09	12.82	7.64	0.680	20.4	177.0	4.85	N

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### Table 2-1 **OU1 Monitoring Well Sampling** Field Parameters Wright-Patterson AFB, Ohio Page 7 of 7

Well Number	Date Sampled	Static Water Level (ft, TOC)	Temp. (C*)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)	DO (mg/L)	Well Went Dry (Y/N)
01-004-M	10/27/00	46.82	16.40	7.24	0.884	643.0	31.5	6.24	N
Screened Interval = 33.0-63.0 ft bgs	04/23/01	48.33	17.10	7.05	0.830	0.0	104.1	4.78	N
Ground Surface Elevation = 883.23 ft MSL	10/03/01	47.43	15.98	7.42	0.926	80.2	209.5	18.92	N
	04/30/02	37.38	12.60	6.90	1.190	10.4	73.0	7.08	N
	10/02/02	40.22	16.35	6.93	1.020	29.7	72.0	3.17	N
	04/21/03	38.06	12.01	7.43	1.260	304.0	45.0	17.45	N
	10/07/03	39.50	13.73	7.08	1.090	299.0	93.0	6.21	N
	04/29/04	37.73	13.42	6.71	0.964	23.8	20.0	2.61	N
	10/20/04	36.39	12.18	7.11	1.070	202.0	37.0	3.55	N
LF8/10-EFF	07/28/04	NA NA	NR	NR	NR	NR	NR	NR	N
	10/21/04	NA NA	12.89	7.04	1.780	59.3	186.0	9.80	N

<sup>&</sup>lt;sup>(A)</sup> - Water quality readings taken before well went dry. Well allowed to recover before samples were collected.

ft,TOC - feet below top of casing

C° - Degrees Celsius

NA - Not applicable NR - No reading

ERR - equipment error

mV - millivolts

DO - Dissolved Oxygen

mg/L - milligrams per liter BTP - Below top of pump

SU - Standard Units

mS/cm - microSeimen per centimeter NTU - Nephelometric turbidity units

ORP - Oxygen Reduction Potential

<sup>(</sup>B) - Well went dry and allowed to recharge. Final water quality readings were taken after sampling.

Well went dry and allowed to recharge. Initial water quality readings were taken before sampling.
 Well LF10-MW06A-DUP is a separate well

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Table 2-2 OU1 Regulatory Detection Limits for Chemicals of Concern: October 2004 Wright-Patterson AFB, OH Page 1 of 7

Main Concern   COD Complehace Leve   MCL   LPG9-AMW022   LFG9-AMW058   LFG9-AMW058-DUP   LFG9-AWW058-DUP   LFG9-AW058-DUP   LFG9-AWW058-DUP   LFG9-AW058-DUP   LFG9-AWW058-DUP   LFG9-AW058-DUP   LFG9-AW058-DUP		REGULATORY LIN	LIMITS			DET	DETECTION LIMIT	TS		
Mail		ROD Compliance Level	MCL	LF08-MW02A	LF08-MW02C	LF08-MW05B	LF08-MW05B-DUP	LF08-MW08A	LF08-MW08B	LF08-MW08C
Decision	Chemicals of Concern	(μg/L)	(µg/L)	(μg/L)	(μg/L)	(µg/L)	(hg/L)	(μg/L)	(µg/L)	(µg/L)
MR	VOCs Benzene	0.62	5.0	1.0	1.0	0 1	10	1.0	1.0	10
Definitionshiper, 100 100 105 105 105 105 105 105 105 105	Chloroform	0.28	Ř	1.0	0.1	0.0	0,1	0.	0.1	0.0
NRL   NRL   NRL   10   10   10   10   10   10   10   1	trans-1,2-Dichloroethene	100	9	0.5	0.5	0.5	0.5	6.0	0,5	0.5
ethende 6.22 NRL 100 10 10 10 10 10 10 10 10 10 10 10 10	Ethylbenzene	NRL	200	1.0	1.0	1.0	1.0	1.0	1.0	1.0
effere	Methylene Chloride	6.22	Z L	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Pyrene	Toluene	NRL	1,000	1:0	1.0	1.0	1.0	1.0	1.0	1.0
oride 10,0283 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	Trichloroethene	3.03	5.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Pyrene   NRL   NRL   10,000   1.0	Vinyt Chloride	0.0283	5.0	1.0	1.0	1.0	0:+	1.0	1.0	1.0
thalate NRL NRL 10 10 10 10 10 10 10 10 10 10 10 10 10	Total Xylenes	NRL	10,000	1.0	1.0	1.0	1.0	1.0	1.0	1.0
MRL   MRL   MRL   10   10   10   10   10   10   10   1	SVOCS									
hthalate NRL NRL 10 10 10 10 10 10 10 10 10 10 10 10 10	Benzo(a)pyrene	NRL	N.	10	9	5	10	10	10	10
Purple   NRL   NRL   10   10   10   10   10   10   10   1	Diethylphthalate	NRL	Z.	9	2	10	10	10	10	10
Separate   NRI	4-Methylphenol	NRL	N P	10	10	10	2	10	10	10
September   Seff   S	Naphthalene	NRL	NR.	10	10	5	10	10	10	10
CDD   CODD	Dioxins									
1.24 NRL NRL 1.2E-06 9.3E-07 1.7E-06 1.0E-06 1.0E-06 1.0E-06 1.0E-06 1.2E-06 1.1E-06 1.1E-06 1.2E-06 1.1E-06	Total HPCDD	5.67X10 <sup>-5</sup>	NR.	1.6E-06	1.1E-06	1.1E-06	2.9E-06	1.2E-06	1.6E-06	2.5E-06
7.8 HXCDD         5.67X10 <sup>4</sup> NRL         1.4E-06         1.2E-06         1.1E-06         2.2E-06         2.2E-06         1.1E-06         2.1E-06         2.2E-06	1,2,3,4,6,7,8 HPCDF	5.67X10 <sup>-5</sup>	N.	1.2E-06	9.3E-07	9.1E-07	1.7E-06	1.0 <b>E</b> -06	1.2E-06	1.9E-06
TCDP   S.67X10 <sup>7</sup>   3.00X10 <sup>8</sup>   3.0E-06   2.5E-06   3.2E-06   3.9E-06   2.2E-06   2.2E-06   2.2E-06   2.2E-06   2.2E-06   2.2E-06   3.9E-06   2.2E-06   2.2E-06   2.2E-06   3.9E-06   2.2E-06   2.2E-06   2.2E-06   3.9E-06   3.9E-06   1.2E-06   1.2E-06	1,2.3,4,7,8 HXCDD	5.67X10 <sup>-8</sup>	NRL		1.2E-06	1.1E-06	2.2E-06	1.1E-06	1.4E-06	2.1E-06
TCDF 5.67X10 <sup>4</sup> NRL 2.8E-06 2.4E-06 3.9E-06 3.9E-06 1.5E-06 1.1E-06 3.8E-06 1.5E-06 1	2,3,7,8 TCDD		3.00X10 <sup>-5</sup>		2.5E-06	2.2E-06	4.4E-06	2.4E-06	2.8E-06	3.7E-06
Se7X10 <sup>4</sup>   NRL   1.6E-06   1.1E-06   1.1E-06   3.8E-06   1.2E-06   1.2E-	2,3,7,8 TCDF	5.67X10 <sup>-6</sup>	NR.	2.8E-06	2.4E-06	2.1E-06	3.9E-06	2.2E-06	2.8E-06	3.3E-06
E55   NRL	ocpo	5.67X10" <sup>4</sup>	N P	1.6E-06	1.2E-06	1.1E-06	3.8 <b>E-</b> 06	1.5E-06	2.0E-06	3.5E-06
1242   NRL   NRL   1.0	OCDF	5.67X10 <sup>-4</sup>	NRL	1.7E-06	1.2E-06	1.3E-06	3.8E-06	1.2E-06	2.4E-06	3.6E-06
NRL   NRL   1.0	Pesticides									
1242         NRL         NRL         1.0 <th>Dieldrin</th> <th>NRL</th> <th>NRL</th> <th>0.05</th> <th>0.05</th> <th>0.05</th> <th>0.05</th> <th>0.05</th> <th>0.05</th> <th>0.05</th>	Dieldrin	NRL	NRL	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1242         NRL         NRL         1.0 <th>PCBs</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	PCBs									
1248 NRL NRL 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Aroclor 1242	NRL	R F	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1.554   NRL   NRL   1.0   1.0   1.0   1.0   1.0   1.0     1.660   NRL   NRL   1.0   1.0   1.0   1.0   1.0     1.6   NRL   NRL   1.0   1.0   1.0   1.0   1.0     1.7   50   10   10   10   1.0   1.0     1.8   1.9   1.0   1.0   1.0   1.0     1.8   1.9   1.0   1.0   1.0   1.0     1.9   1.0   1.0   1.0   1.0     1.0   1.0   1.0   1.0   1.0     1.0   1.0   1.0   1.0   1.0     1.0   1.0   1.0   1.0     1.0   1.0   1.0   1.0     1.0   1.0   1.0   1.0     1.0   1.0   1.0   1.0     1.0   1.0   1.0     1.0   1.0   1.0     1.0   1.0   1.0     1.0   1.0   1.0     1.0   1.0   1.0     1.0   1.0   1.0     1.0   1.0   1.0     1.0   1.0   1.0     1.0   1.0     1.0   1.0   1.0     1.0   1.0   1.0     1.0   1.0	Aroclor 1248	NRL	N F	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NRL   NRL   1.0   1.0   1.0   1.0   1.0	Aroclor 1254	NA PR	NR PL	1.0	1.0	1.0	1.0	1.0	1.0	1.0
C   Netals   1	Aroclor 1260	NRL	RE	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NRL   SO   SO   SO   SO   SO   SO   SO   S	Inorganic Metals	**	9	Ş		Ç	ç		,	,
NRL   5.0	Berdlim	200	0.4	0 4	5 4	2 5	5 6	2 5	2 5	2 5
NRL   1,300   25   25   25   25   25   25   25	o de la companya de l	IGN	) (	o c	) (	) (	o c	) C	2 4	> C
NRL   NRL   100	Copper		1300	25	25	3.0 2.0	25.0	2.5 7.5	3.0 25	3.0 25
NRL 15 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	Iron	i de	ž	9	5 5	£ 6	2 5	£ 6	100	001
Lanic         NRL         NRL         50         50         50         50         50           India         NRL         200         200         200         200         200         10	Lead	N. N.	£.	30	3.0	30	30.8	200	30	200
a NRL 200 200 200 200 200 10 10 10 10 10 10 10 10 10 10 10 10 1	Zinc	NRL	NRL	20	20	20 <u>2</u>	} &	? &	20	20.
NR 200 10 10 10 10	<u>Inorganic</u> Ammonia	NRL	NRL	200	200	200	200	200	200	200
	Cyanide	NR	200	10	10	10	2	10	10	10

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	REGULATORY LIMITS	ITS				DET	DETECTION LIMITS	MITS		1	
	ROD Compliance Level	MCL	LF08-MW09A	LF08-MW09B	LF08-MW10A	LF08-MW10B	LF08-MW10C	LF08-MW11A	LF08-MW11B	LF08-MW11C	LF08-MW101
Chemicals of Concern	(μg/L)	(µg/L)	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
VOCs	0	,	•		,	,		:			
Denzere	79.0	0.0	O	0.	0.	0.0	0.	1.0	1.0	1.0	0.6
Chloroform	0.28	Z Z	1:0	1.0	1.0	0.0	1.0	0.	0.1	1.0	1.0
trans-1,2-Dichloroethene	100	8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Ethylbenzene	NRL	902	1.0	1.0	1.0	0.	1.0	1.0	1.0	1.0	1.0
Methylene Chloride	6.22	N N	1.0	1.0	1.0	0.1	1.0	1.0	1.0	1.0	1.0
Toluene	NRL	1,000	1.0	1.0	1.0	0.1	1.0	1.0	1.0	1.0	1.0
Trichloroethene	3.03	5.0	2.0	5.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Vinyl Chloride	0.0283	2.0	1.0	1.0	1.0	1.0	1.0	10	0.	10	
Total Xylenes	NRL	10,000	1.0	1.0	1.0	1.0	1.0	6.	0.	0.1	5 6
SVOCs											
Benzo(a)pyrene	NRL	N N	ž	10	10	10	10	9	10	10	10
Diethylphthalate	NRL	N.	S	9	10	10	2	9	. 0	£	: 6
4-Methylphenol	NRL	Ą	Š	10	10	5	2	10	2	£	: £
Naphthalene	NRL	NRL	NC	10	10	£	: 2	10	5 2	5 5	5 5
Dioxins											
Total HPCDD	5.67X10 <sup>-5</sup>	ž	S	7.0E-07	5.9E-07	7.5E-07	Š	1.1E-06	1.1E-06	8.2E-07	9.0E-07
1,2,3,4,6,7,8 HPCDF	5.67X10 <sup>-5</sup>	Ä	Ş	6.1E-07	5.3E-07	5.5E-07	S	9.3E-07	9.0E-07	6.5E-07	8.6E-07
1,2,3,4,7,8 HXCDD	5.67X10 <sup>-6</sup>	Z,	Š	7.3E-07	6.1E-07	7.8E-07	S	1.2E-06	1.2E-06	8.5E-07	9.7E-07
2,3,7,8 TCDD	5.67X10 <sup>-7</sup>	3.00X10 <sup>-6</sup>	S	1.15-06	9.9E-07	1.6E-06	S Z	1.7E-06	1.6E-06	1.3E-06	1.8E-06
2,3,7,8 TCDF	5.67X10°	Z Z	Ş	1.2E-06	1.0E-06	1.4E-06	2	1.8E-06	1.5E-06	1.5E-06	1.9E-06
ocep	5.67X10 <sup>-1</sup>	Z Z	Š	7.7E-07	8.1E-07	8.7E-07	S	1.5E-06	1.3E-06	9.8E-07	1.5E-06
OCDF	5.67X10⁴	N F	Š	8.9E-07	7.1E-07	7.7E-07	S	1.5E-06	1.4E-06	1.0E-06	1.3E-06
Pesticides											
Dieldrin	NRL	NRL	NC	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
PCBs	į	-	•								
Arocior 1242	YZ:	Ž į	2	0.7	0.0	0.5	1.0	1.0	0.0	1.0	1.0
Aroclor 1248	NA S	A N	ပ္	1.0	1.0	0.	1.0	1.0	0.	1.0	1.0
Aroclor 1254	A S	Z :	ပ္သ	0.6	0.0	0.	0.1	0.5	0.5	1.0	1.0
Arocior 1260	NK.	NK.	SC	1.0	1.0	1.0	1.0	1:0	1.0	1.0	1.0
Inorganic Metals	;	ğ	ç	ç	<b>,</b>	ç	ç	ç	ç	ç	Ş
Bendlim		3 5	2 -	2 5	2 5	2 5	2 5	2 5	2 5	2 5	2 5
	20:0 1012	) C	) (	) (	9 0	9.0		9 0	0,4	<b>.</b>	4 m
Conservation	2 2	30.0	0.5 K	5. c	3.0 7.	3.0 35	0. S	). (	3.0	5.0 5.0	0.C
September 1	2 2	3 0	3 5	3 5	3 5	3 5	3 5	3 5	3 5	3 5	3 5
5		, 2	3 6	3 5	3 5	3 5	3 3	3 6	3 3	3 3	3 ;
Lead	Y O	ς <u>σ</u>	3.C	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Contraction	3,12,	1	3	3	3	3	3	3	3	3	3
Amonia	ä	2	200	000	000	000	000	000	000	ν	Q
- True	<u> </u>	5	3 5	3 5	3 5	3 \$	3 5	3 5	3 \$	3 5	3 5
Cyarmuc	INNL	200	2	2	2	10	2	2	2	01	101

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OU1 Regulatory Detection Limits for Chemicals of Concern: October 2004 Wright-Patterson AFB, OH Page 3 of 7 Table 2-2

(μg/L) (		REGULATORY LIMITS	MITS			!	30	DETECTION	LIMITS			
Marcolant   Marc		ROD Compliance Level	MCL	LF08-MW102		02-DM-81S-M	02-DM-81D-M	02-DM-82-M	02-DM-83S-M	02-DM-83D-M	02-DM-84-M	02-DM-84-M-DUP
Charlotteners   Charlet	Chemicals of Concern	(μg/L)	(µg/L)	(μ <b>g/</b> L)	(μg/L)	(µg/L)	(µ8/L)	(µg/L)	(μg/L)	(µgv/L)	(hg/L)	(µ <b>g</b> /L)
Committee   Comm	VQCs Benzene	0.62	20	10	10	1.0	0.	-	4.7	7		,
Opcinione/heries         100	Chlomform	0.00	2	2 .	9 5	9 9	5 .	- <b>-</b>				<u> </u>
Company   Comp	trans-1 2-Dichloroethene	100	2 5	) u			- c	0.0	- 6	. ·	O: 0	0
CDD   Service   NRL   NRL   NRL   100	uaris- i.z-Oromorounene	20.5	2 5	0.0	c.o.	0.0	6.0	c.5	8.0	c.5	0.5	0.5
Particle	Ethylpenzene	NAC	3	0.5	1.0	1.0	1.0	1.0	1.7	0.1	1.0	0.1
order         NRL         1,000         1,0	Methylene Chloride	6.22	AR L	0.1	1.0	1.0	1.0	1.0	1.7	1.0	1.0	1.0
Particle         333         5.0         2.0         1.	Toluene	NR	1,000	1.0	1.0	1.0	1.0	1.0	1.7	1.0	1.0	1.0
NRL	Trichloroethene	3.03	5.0	2.0	2.0	2.0	2.0	2.0	3,3	2.0	2.0	2.0
NRL   NRL   NRL   10,000   1.0   1	Vinyl Chloride	0.0283	2.0	1.0	1.0	1.0	1.0	-	17	0	0	0 +
WRL breads         NRL NRL NRL NRL NRL NRL NRL NRL NRL NRL	Total Xylenes	NRL	10,000	1.0	1.0	0.1	0.	0.0	1.7	0,1	10	2 0
OPPORTER         NRL NRL NRL NRL NRL NRL NRL NRL NRL NRL	SVOCs											
ORD         NRI         NRI         10 <t< th=""><th>Benzo(a)pyrene</th><th>NRL</th><th>NRL</th><th>10</th><th>10</th><th>10</th><th>10</th><th>10</th><th>10</th><th>10</th><th>0</th><th>9</th></t<>	Benzo(a)pyrene	NRL	NRL	10	10	10	10	10	10	10	0	9
NRI	Diethylphthalate	NRL	NRL	9	10	10	20	9	10	20	0	2 6
CDD   S67X10 <sup>4</sup>   NRL   1.5E-06   9.8E-07   1.1E-06   1.1E-06   0.3E-07   7.5E-07   7.3E-07	4-Methylphenoi	NRL	N.	10	5	10	. 6	9	÷ 0	2	200	£
CDD         567X10°         NRL         1.5E-66         9.8E-07         1.1E-06         1.1E-06         9.1E-07         7.5E-07         7.5E-07         7.5E-06         1.1E-06         9.3E-07         7.5E-07         8.5E-07         8.5E	Naphthalene	NRL	NR.	5	10	10	: 6	5	<u></u>	5	5 5	÷ 6
CDD         567X10°         NRL         15E-06         9.8E-07         1,1E-06         1,1E-06         1,1E-06         0.6E-07         7.5E-07         7.3E-07           7.78 HPCDF         567X10°         NRL         1.2E-06         9.8E-07         1,1E-06         1,1E-06         0.6E-07         5.9E-07         7.3E-07           CDF         567X10°         NRL         1.2E-06         1.9E-06         2.0E-06         3.7E-07         6.0E-07         8.2E-07         1.2E-06           CDF         567X10°         NRL         2.2E-06         1.9E-06         2.0E-06         3.7E-07         1.1E-06         1.2E-06         3.7E-07         1.1E-06         1.2E-07         1.2E-06         3.7E-07         1.1E-06         1.2E-07         1.2E-06         3.7E-07         1.1E-06         1.2E-07         1.1E-06         3.7E-07         1.1E-06         3.7E-07         1.1E-06	Dioxins											
Section   Sect	Total HPCDD	5.67X10 <sup>-5</sup>	A.	1.5E-06	9.8E-07	1.1 <b>E-</b> 06	1.6E-06	1.1E-06	6.6E-07	7.5E-07	7.3E-07	7.9E-07
SHXCDD   S67X10 <sup>4</sup>   NRL   1.2E-06   9.3E-07   1.0E-06   1.5E-06   1.0E-06   1.5E-06   1.0E-06   1.0E-06	1,2,3,4,6,7,8 HPCDF	5.67X10 <sup>-5</sup>	AR.	1.2E-06	8.3E-07	7.7E-07	1.4E-06	9.3 <b>E-</b> 07	6.2 <b>E</b> -07	5.9E-07	6.0E-07	7.0E-07
CDD         567X10³         300X10³         2.5E-06         1.9E-06         2.0E-06         3.7E-06         1.1E-06         1.1C-06         1.1C-07         1.	1,2,3,4,7,8 HXCDD	5.67X10 <sup>4</sup>	NRL	1.2E-06	9.3E-07	1.0E-06	1.5E-06	1.0E-06	7.3E-07	6.8E-07	8.2E-07	8.0E-07
CDF         5.67X10 <sup>4</sup> NRL         2.2E-06         1.8E-06         1.8E-06         1.8E-06         1.1E-06         1	2,3,7,8 TCDD	5.67X10 <sup>-7</sup>	3.00X10 <sup>-6</sup>	2.5E-06	1.9E-06	2.0E-06	3.7E-06	2.0€-06	9.7E-07	1.1E-06	1.2E-06	1.2E-06
5.67X10 <sup>-1</sup> NRL         2.0E-06         1.2E-06         1.1E-06         1.6E-06         1.6E-06 <t< th=""><th>2,3,7,8 TCDF</th><th>5.67X10<sup>-6</sup></th><th>R F</th><th>2.2E-06</th><th>1.8E-06</th><th>1.8E-06</th><th>3.1<b>E-</b>06</th><th>1.8E-06</th><th>1.1E-06</th><th>1.2E-06</th><th>1.3E-06</th><th>1.3E-06</th></t<>	2,3,7,8 TCDF	5.67X10 <sup>-6</sup>	R F	2.2E-06	1.8E-06	1.8E-06	3.1 <b>E-</b> 06	1.8E-06	1.1E-06	1.2E-06	1.3E-06	1.3E-06
567X10 <sup>4</sup> NRL         24E-06         1.4E-06         1.2E-06         1.7E-06         1.0E-06         8.5E-07         1.0E-06           95         NRL         NRL         NRL         1.0 <t< th=""><th>ОСОБ</th><th>5.67X10⁴</th><th>Ä</th><th>2.0E-06</th><th>1.2E-06</th><th>1.1E-06</th><th>1.6E-06</th><th>1.6E-06</th><th>9.8E-07</th><th>7.7E-07</th><th>9.5E-07</th><th>9.5E-07</th></t<>	ОСОБ	5.67X10⁴	Ä	2.0E-06	1.2E-06	1.1E-06	1.6E-06	1.6E-06	9.8E-07	7.7E-07	9.5E-07	9.5E-07
NRL NRL 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	OCDF	5.67X10 <sup>4</sup>	NR.	2.4E-06	1.4E-06	1.2E-06	2.1E-06	1.7E-06	1.0E-06	8.5E-07	1.0E-06	1.1E-06
NRL   NRL   1.0	Pesticides											
248 NRL NRL 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Dieldrin	NRL	NRL	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
242 NRL NRL 10 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	PCBs											
254 NRL NRL 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Aroclor 1242	NRL	Z P	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
254 NRL NRL 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Aroclor 1248	NR	N P	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
CMetals         11         50         10 <t< th=""><th>Aroclor 1254</th><th>Z .</th><th>¥ ?</th><th>0.0</th><th>0.0</th><th>0.7</th><th>0.1</th><th>1.0</th><th>1.0</th><th>1.0</th><th>1.0</th><th>1.0</th></t<>	Aroclor 1254	Z .	¥ ?	0.0	0.0	0.7	0.1	1.0	1.0	1.0	1.0	1.0
11 50 10 10 10 10 10 10 10 10 10 10 10 10 10	Arociol 1200	INKE	ZZ.	0.1	0.1	2	0.1	0.1	1.0	0.1	0.1	1.0
NRL 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	Inorganic Metals Arsenic	+	Ç.	ç	9	ç	Ę	ç	ç	ç	Ç	ç
NRL 1,300 25 25 25 25 25 25 25 25 25 25 25 25 25	Beryllum	0.02	4.0	4.0	0.4	0.4	0.4	- <b>4</b>	- 4 C	0 4	2 7	2 7
NRL         1,300         25 <th< th=""><th>Cadmium</th><th>NRL</th><th>5.0</th><th>5.0</th><th>5.0</th><th>5.0</th><th>5.0</th><th>5.0</th><th>5.0</th><th>5.0</th><th>5.0</th><th>2.5</th></th<>	Cadmium	NRL	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.5
NRL         NRL         100 <th>Copper</th> <th>NR</th> <th>1,300</th> <th>25</th> <th>25</th> <th>52</th> <th>25</th> <th>52</th> <th>25</th> <th>52</th> <th>52</th> <th>25</th>	Copper	NR	1,300	25	25	52	25	52	25	52	52	25
NRL 15 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	lion	Z,	A.	9	100	100	100	100	100	100	901	100
NRL NRL 200 200 200 200 200 200 200 200 200 20	Lead	NRL	15	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
S NRL 200 200 200 200 200 200 200 200 200 20	Zinc	NRL	NRL	20	50	50	50	20	50	50	20	20
NR 200 10 10 10 10 10 10 10 10 10 10 10 10 1	Inorganic Ammonia	NR	NRI	200	500	002	200	002	000	200	200	200
	Cyanida	100	000	3 =	3 =	7	3 5	3 5	3 5	2 ¢	8 5	3 5

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	REGULATORY LIMITS	MITS				DETEC	DETECTION LIMITS			
	ROD Compliance Level		LF08-MP013	LF10-MW03A	LF10-MW05B	LF10-MW05B-DUP	LF10-MW05C	E	LF10-	LF10-MW06B
Chemicals of Concern	(μg/L)	(µg/L)	(µg/L)	(hg/L)	(μg/L)	(μg/L)	(μg/L)	(µg/L)	(μg/L)	(µg/L)
NOC8			:							
Benzene	0.62	5.0	2	1.0	1.0	1.0	1.0	0.1	1.0	1.0
Chloroform	0.28	ZZ :	0	0.1	0.7	1.0	1.0	1.0	1.0	1.0
trans-1,2-Dichloroethene	100	100		0.5	0.5	0.5	0.5	0.5	0.5	0.5
Ethylbenzene	NRL	200	S	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Methylene Chloride	6.22	NR	₹	1.0	0:	1.0	1.0	1.0	1.0	1.0
Toluene	NRL	1,000	×	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Trichloroethene	3.03	5.0	۵.	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Vinyl Chloride	0.0283	2.0	7	1.0	1.0	1.0	1.0	1.0	1.0	10
Total Xylenes	NR	10,000	Ē	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SVOCs			S							
Benzo(a)pyrene	NRL	NR		Š	10	9	9	9	S	10
Diethylphthalate	NRL	NR	v	Š	10	10	10	2	S	5
4-Methylphenol	NRL	N.	0	Š	5	10	10	2	SC	2
Naphthalene	NRL	NRL	7	NC	10	10	0	6	S	10
Dioxins			7							
Total HPCDD	5.67X10°	ž Ž	Ē	S	1.1E-06	9.6E-07	1.6 <b>E-</b> 06	3.3E-08	2	7.9E-07
1,2,3,4,6,7,8 HPCDF	5.67X10 <sup>-6</sup>	N.	U	S	8.2E-07	9.4E-07	1.4E-06	2.7E-06	S	5.6E-07
1,2,3,4,7,8 HXCDD	5.67X10 <sup>4</sup>	ž	۲	Š	9.9E-07	1.3E-06	1.5E-06	3.7E-06	S	8.3E-07
2,3,7,8 TCDD	5.67X10 <sup>-7</sup>	3.00X10 <sup>5</sup>	Ē	Š	2.0E-06	2.0E-06	3.2E-06	90-39·9	S	1.2E-06
2,3,7,8 TCDF	5.67X10 <sup>4</sup>	Ŗ	0	Š	1.9E-06	2.3E-06	2.7E-06	1.6E-05	ž	1.4E-06
ocpp	5.67X10 <sup>4</sup>	NRL		Š	2.1E-06	1.4E-06	2.0E-06	3.8E-06	SC	1.2E-06
OCDF	5.87X10 <sup>4</sup>	NRL	W	NC	2.4E-06	1.4E-06	2.1E-06	4.4E-06	S	1.2E-06
Pesticides			3							
Dieldrin	NRL.	NRL	7	NC	0.05	0.05	0.05	0.05	NC	0.05
PCBs	į	į	7	(		,	,		•	;
AIOCIO! 1242	Z C	2 2	ď	٤٤		o. •	o. •	0.7	2 9	0: ;
Arocior 1248	Z i	Z i	٥ (	ر د خ	2. (	2.	0.5	0	Z	0.5
Arocior 1254	Z Q	Z 2	۲>	ر د د	0. 6	0.0	0. 6	0.6	2 2	0.
Arocioi Izou	INN	Į.		2	2.	2.	0.1	0.1	2	0.1
Arsanic Metals		ç	1	ç	ç	ç	ç	ţ	Ç	ç
Beryllium	0 0 0	40	;	4	. 4	0.4	. <b>4</b>	0.4	2 2	2 4
Cadmium		5.0	ı	5.0	0.5	0.50	5.0	0 10	2	5.0
Copper	ZZ.	1.300	ı	25	52	52	25	25	2	25
Iron	NRL	R	ı	100	100	100	100	100	S	100
Lead	NRL	15	ł	3.0	3.0	3.0	3.0	3.0	2	3.0
Zinc	NRL	NRL	1	20	20	50	50	20	S	જ
Inorganic										
Ammonia	NRL	Ä	ı	200	200	200	200	200	SC	200
Cyanide	NRL	500	1	10	10	10	10	10	NC	10

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	REGULATORY LIMITS	IITS				DETE	DETECTION LIMITS	15			
	ROD Compliance Level	MCL	LF10-MW07A	LF10-MW07A-DUP	LF10-MW07B	LF10-MW07C	LF10-MW07C LF10-MW08A-2	LF10-MW08B	LF10-MW08B   LF10-MW09A   LF10-MW09B   LF10-MW09C	LF10-MW09B	LF10-MW09C
Chemicals of Concern	(μg/L)	(µg/L)	(µg/L)		(hg/L)	(hg/L)	(µg/L)	(μg/L)	(µg/L)	(µ9/L)	(hg/L)
VOCS	690	, u	,			,	,		,		,
Chlomform	20.0	3	2.5	2	> د	- ·		0. ;	2 .	2.	)  -
Calculation 4 of District	0.28	¥ 5	o. 6	) 	>	0. 0	0.1	J.0	0.1	0.	1.0
rans-1,z-Ochooonene	2 1	3 3	C. C.	Ω.;	(	6.0	c: -	0.5	0.5	0.5	0.5
Ethylbenzene	ZK	9	1:0	0.1	S	1.0	0.	1.0	1.0	0.	1.0
Methylene Chloride	6.22	K K	1.0	1.0	٧	1.0	0.1	1.0	1.0	1.0	1.0
Toluene	ZZ.	1,000	0.1	1.0	Z	1.0	1.0	1.0	1.0	1.0	1.0
Trichloroethene	3.03	5.0	2.0	2.0	Q.	2.0	2.0	2.0	2.0	2.0	2.0
Vinyl Chloride	0.0283	2.0	1.0	1.0	7	1.0	1.0	1.0	1.0	0.1	1.0
Total Xylenes	NRL	10,000	1.0	1.0	Ē	1.0	1.0	1.0	1.0	0.1	1.0
SVOCS					S						
Benzo(a)pyrene	NR.	N R	10	10		10	10	5	2	10	10
Diethylphthalate	NRL	R	10	10	O	10	10	10	- 0	10	10
4-Methylphenol	NRL	A N	5	10	0	0	5	10	10	5	. 6
Naphthalene	NRL	NR.	10	10	7	10	10	10	10	10	10
Dioxins					. 7						
Total HPCDD	5.67X10°5	A P	2.0E-06	6.2 <b>E-</b> 07	Ш	2.2E-06	8.6E-07	8.7E-07	8.4E-07	4.0E-06	6.6E-07
1,2,3,4,6,7,8 HPCDF	5.67X10°5	N L	1.4E-06	5.7E-07	U	1.6E-06	6.5E-07	8.1E-07	5.4E-07	3.7E-06	5.8E-07
1,2,3,4,7,8 HXCDD		N.		8.4E-07	7	2.7E-06	8.8E-07	8.7E-07	8.1E-07	3.9E-06	9.2E-07
2,3,7,8 TCDD	5.67X10 <sup>-7</sup>	3.00X10 <sup>-6</sup>		1.4 <b>E</b> -06	Ē	4.7E-06	1.2E-06	1.5E-06	1.6E-06	9.1E-06	2.0E-06
2,3,7,8 TCDF	5.67X10°	NR	3.5E-06	1.4E-06	Q	6.8E-06	1.3E-06	1.5E-06	1.5E-06	9.0E-06	1.8E-06
ocop	5.67X10 <sup>-4</sup>	N R	1.9E-06	7.5E-07		2.6E-06	9.1E-07	1.1E-06	8.3 <b>E-</b> 07	4.5E-06	1.2 <b>E-</b> 06
OCDF	5.67X10 <sup>4</sup>	NRL	2.2E-06	1.3 <b>E-</b> 06	×	2.8E-06	9.7E-07	1.0E-06	1.2 <b>E</b> -06	5.1E-06	1.3E-06
Pesticides Dieldrin	ã	ğ	900	\$0.0	, 3	0.05	900	30.0	30.0	30.0	900
			0.03	00:0	,	0.00	CO.O	0.00	0.03	0.00	0.00
Amelor 1242	ã	ã	<u></u>	5	7		,				
Aroclor 1248	2	Ž	, C	) C	C	2			. ·		
Aroclor 1254	, ag	ž	10	10	ı 0c	0	0.0	0,0		0	0
Aroclor 1260	NRL	NRL	1.0	1.0	>	1.0	1.0	1.0	1.0	1.0	1.0
Inorganic Metals											
Arsenic		යි	9	9	;	2	10	0	6	0	5
Beryllium	0.02	4.0	4.0	4.0	;	4.0	4.0	0.4	4.0	4.0	4.0
Cadmium	NRL	5.0	5.0	5.0	ı	5.0	5.0	2.0	5.0	5.0	5.0
Copper	NRL	1,300	25	25	;	22	52	25	22	52	25
Lou	NRL	N F	901	100	1	9	901	100	100	100	100
Lead	NR.	15	3.0	3.0	1	3.0	3.0	3.0	3.0	3.0	3.0
Zinc	NRL	N.	50	50	;	50	50	20	50	50	50
Inorganic	į										
Ammonia	YYZ :	ž	200	200	;	700	500	200	500	500	700
Cyanide	NRL	200	10	10	-	10	10	10	10	10	10

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	REGULATORY LIMITS	AITS				DETECTION	DETECTION LIMITS		
	ROD Compliance Level	MCL	LF10-MW10C	LF10-MW10C LF10-MW10C-AMB	LF10-MW11A		LF10-MW11B   LF10-MW11B-DUP	LF10-MW102	LF10-MW103
Chemicals of Concern	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(μg/L)		(μg/L)	(µg/L)	(µg/L)
VOCs	690	ú	•	0	,	,	•		
Chombom	0.02	2 2	- <b>-</b>		2 6	o <b>c</b>	0. •	≥ (	9.6
Carologonia	0.28	100	- c	- ·	- c		D. 6	5	o: (
nans-1,z-Dichloroemene	3 1	3 6	o .	0.5	C.O	0.5 0.5	c:0		C:0
Ernyibenzene	J L	3	0.1	0	0.0	0.1	1.0	S	0:
Methylene Chloride	6.22	NR.	1.0	1.0	0.1	0.	1.0	∢	0.1
Toluene	NRL	1,000	0.1	1.0	0.1	1.0	1.0	\$	1.0
Trichloroethene	3.03	5.0	2.0	2.0	2.0	2.0	2.0	م	2.0
Vinyl Chloride	0.0283	5.0	1.0	1.0	1.0	1,0	1.0	7	1.0
Total Xylenes	NRL	10,000	1.0	1.0	1.0	1.0	1.0	Щ	0:
SVOCs								S	
Benzo(a)pyrene	ŭ.	Ž	10	S	ç	2	ç	,	1
Diethylphthalate	i a	Ž	: £	2	2 5	2 2	• €	Ç	2 5
4-Methydobenol	ā	ā	? \$	2	2 Ç	2 \$	2 \$	<b>O</b>	2 5
Naphthalene	ž	K K	2 0	2 2	2 0	2 2	2 2	> ~	2 5
Dioxins								7	
Total HPCDD	5.67X10 <sup>-6</sup>	N PR	2.0€-06	Š	7.6E-07	7.7E-07	6.3E-07	Ш	1.6E-06
1,2,3,4,6,7,8 HPCDF	5.67X10 <sup>-5</sup>	N P	1.3€-06	S	6.2E-07	5.9E-07	4.9E-07	O	1.6E-06
1.2.3.4.7.8 HXCDD	5.67X10 <sup>-8</sup>	N L	1.6E-06	S	1.1E-06	8.9E-07	7.6E-07	_	1.6E-06
2.3.7.8 TCDD	5.67×10 <sup>-7</sup>	3.00X10 <sup>-5</sup>	3.2F-06	C	1 7E-06	181-06	1.5E-06	. ц	3.55.06
23.7.8 TCDF	5.67X10°	Ž	3.115-06	2 2	15 E OB	145-06	1.25-06	) C	2.4E.06
	404249	ļ <u>ā</u>	9 9	2 4	1 1 1	2 10	2012:	<b>3</b>	9 10
OCDO CODI	5.6/X10	ž į	2.61.00	2 4	1.0F-06	8.3E-07	8.8E-07	;	2.2E-06
רטטט	0.07	NY.	2.3E-U0	J.	1.35-00	1.0E-U0	9.ZE-U/	š	2.1E-U0
<u>Pesticides</u> Dieldrin	NRL	R	0.05	Ŋ	0.05	90.0	0.05	7	0.05
PCBs								7	
Aroclor 1242	NRL	NR P	1.0	S	0.1	1.0	1.0		1.0
Aroclor 1248	NRL	뜋	1.0	Š	1.0	1.0	1.0	٥	1.0
Aroclor 1254	JR :	K S	1.0	S S	0.1	1.0	1.0	QC :	1.0
Arocior 1260	אאר	AR.	0.1	٦	0	0.1	0.7	<u></u>	0.7
Inorganic Metals	•	í	Ç	9	,	Ş	Ç		
Arsenic		3	<u>0</u> :	ر د ع	2	2	2	ı	2
Beryllium	0.02	0.4	4.0	ပ္	0.4	4.0	4.0	I	0.4
Cadmium	NRL	2.0	9.0	ပ္	5.0	5.0	5.0	1	5.0
Copper	NRL	1 300	22	S	52	52	25	;	22
Iron	AR!	Ř	9	S	9	100	100	:	100
Lead	NRL	5	3.0	S	3.0	3.0	3.0	ı	3.0
Zinc	NRL	NRL	50	NC	50	50	20	ı	20
Inorganic			-		::				
Ammonia	NRL	¥	200	S	200	200	200	ı	500
Cyanide	NRL	200	10	S	10	10	10	1	10

# OU1 Regulatory Detection Limits for Chemicals of Concern: October 2004 Wright-Patterson AFB, OH Page 7 of 7 Table 2-2

	ROD Compliance Level	ر ک	LF10-MW104	LF10-MW105	LF10-MW104   LF10-MW105   01-DM-102S-M   01-DM-102D-M	01-DM-102D-M	01-004-M
Chemicals of Concern	(μg/L)	(µg/L)	(µg/L)	(µg/L)	(μg/L)	(µg/L)	(µg/L)
	0.62	2.0	Z	1.0	2	1.0	1.0
	0.28	R H	0	1.0	0	1.0	1.0
trans-1,2-Dichloroethene	100	5		0.5		0.5	0.5
	NR	92	S	1.0	S	1.0	1.0
	6.22	Ä	٩	1.0	₹	1.0	1.0
	NR	1,000	₹	1.0	Σ	1.0	1.0
	3.03	5.0	Q.	2.0	Q.	2.0	2.0
	0.0283	5.0	7	1.0	7	1.0	1.0
	NR	10,000	Ę	1.0	Ē	1.0	1.0
			S		S		
	NRL	NR.		10		10	10
	NRL	NR.	O	10	O	10	10
	NRL	NR.	0	10	0	5	10
	NRL	NR.	7	5	7	9	5
			7		7		
	5.67X10 <sup>-5</sup>	NR	ш	S Z	Ē	8.2E-07	7.4E-07
	5.67X10 <sup>-5</sup>	NR.	U	S Z	U	6.4E-07	7.7E-07
	5.67X10 <sup>4</sup>	NR.		Š	7	7.8E-07	8.4E-07
	5.67X10 <sup>-7</sup>	3.00X10 <sup>-6</sup>		S	E	1.2E-06	1.4E-06
	5.67X10°	AR A	Q	S	D	1.2E-06	1.7E-06
	5.67X10 <sup>4</sup>	NR		SC		8.4E-07	1.0E-06
	5.67X10	N.	ž	SC	\$	8.5E-07	8.9E-07
			Ē		E		
	NRL	NA NA	7	0.05	7	0.05	0.05
		,	7		7		
	NRL	Z Z		1.0		1.0	1.0
	NRL	Z Z	٩	1.0	Q	1.0	1.0
	NRL	A.	œ	1.0	œ	1.0	1.0
	NRL	NRL	٨	1.0	>	1.0	1.0
	11	22	ı	5	ı	10	9
	0.02	4.0	1	4.0	ı	4.0	4.0
	NRL	2.0	ı	5.0	ı	5.0	5.0
	NRL	1,300	1	25	;	25	25
	NRL	톴	ı	9	ı	100	9
	NR.	15	1	3.0	1	3.0	3.0
	NRL	NR.	1	50	1	50	20
	di	IOIA		ooc		ooc	
	בי בי	J E	1	907	:	007	2007

### Table 2-3 Landfill 8 Groundwater Analytical Results Summary - VOCs Wright-Patterson AFB, Ohio Page 1 of 4

	LOCATIO	N	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES	CHLOROFORM	TRANS-1,2-DCE	METHYLENE CHLORIDE	MTBE	TCE	VINYL CHLORIDE
⊢	Units Compliance Leve	J. POD		μ <b>g/L</b> 0.62	<u>µg/L</u> NCL	μ <b>g/</b> L NCL	μ <b>α/</b> L NCL	μg/L 0.28	μ <b>g/L</b> 100	μ <b>ο/L</b> 6.22	μg/L NCL	<u>µд∕L</u> 3.03	μg/L 0.0283
$\vdash$	Compliance Leve		-	5	1000	700	10000	NCL NCL	100	NCL NCL	NCL	5	2
					·			· <del>·</del>					
LF	08-MW02A		01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
			01-Nov-97 26-Oct-98	ND	ND	ND	ND	ND	ND	ND	NS NS	ND ND	ND ND
1			12-Oct-99	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	1.1 ND	NS NS	ND	ND .
			23-Oct-00	ND	ND	ND D	ND	ND	ND	0.55 J	ND	ON	ND I
ſ		- 1	03-Oct-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			02-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1			01-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1			05-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
١. ـ	00 114/030		04.04.00	ND		415	ND	ND	ND	ND	NC	ND	
Į.r	08-MW02C		01-Oct-96 01-Nov-97	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NS NS	ND	ND ND
1			26-Oct-98	ND	ND	ND	ND	ND	ND	1.2	NS	ND	ND NO
1			12-Oct-99	0.37 J	0.34 J	ND	ND	ND	ND	ND	NS	ND	ND
1		Duplicate	12-Oct-99	0.35 J	0.32 J	ND	ND	ND	ND	ND	NS	ND	ND
1			23-Oct-00	ND	ND	ND	ND	ND	ND	0.46 J	ND	ND	ND
1		1	23-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			04-Oct-01 30-Apr-02	ND ND	ND ND	ND ND	ND ON	ND ND	ND ND	ND ND	ND ND	ON ON	ND ND
1			02-Oct-02	ND	ND	ND ND	ND	ND ND	ND	ND	ND	ND	ND ND
1		ŀ	21-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1			01-Oct-03	0.20 J	ND	ND	NO	ND	ND	ND	ND	ND	ND
			29-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1			06-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1	08-MW05B	į	31-May-91	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
15	OUTSI V V UUD	1	09-Sep-91	(1 J)	ND 0.5 J	ND ND	ND ND	ND ND	ND ND	ND ND	NS NS	ND	ND ND
		1	27-Jan-92	(4.8.0)	ND	ND	ND	ND	ND	ND	NS	ДИ	ND
		1	02-Nov-00	0.17 J	0.19 J	ND	ND	ND	ND	0.20 J	ND	0.40 J	(0.38 J)
1		1	23-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Duplicate	23-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND 0.00	ND (
1		Duplicate	02-Oct-01 02-Oct-01	0.17 J 0.18 J	0.20 J 0.21 J	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	0.26 J 0.24 J	(0.18 J) (0.23 J)
ļ.		Dupikale	29-Apr-02	ND	ND	ND ND	ND ND	ND	ND	ND ND	ND ND	0.33 J	(0.16 J)
ì		Duplicate	29-Apr-02	ND	ND	ND	ND	ND	ND	ND	ND	0.34 J	ND ND
1		' '	03-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1		Duplicate	03-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1			11-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Duplicate	09-Oct-03 09-Oct-03	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
.		Copicate	28-Apr-04	ND	ND	ND ND	ND	ND	ND	ND	ND	ND	ND
1			05-Oct-04	0.34 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
1		Duplicate	05-Oct-04	0.35 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
l													
LF	08-MW08A		15-May-91	ND ND	ND	ND	ND	ND NO	ND	ND	NS	ND ND	ND
1			10-Sep-91 01-Feb-92	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NS NS	ND	ND ND
1		Į	24-Oct-00	ND	ND	ND	ND	ND	ND	0.81 J.B	ND	ND	ND
1		- 1	02-Oct-01	ND	ND	ND	ND	ND	ND	ND	ND	ИD	ND
			08-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		D	13-Oct-03	ND	ND	ND	ND	ND	ND	ND ND	ND	ND ND	ND ND
1		Duplicate	13-Oct-03 05-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND D
1			03-061-04	140	NO	NO	ND	NO	110	140	NO	ND	
LF	08-MW08B	l	15-May-91	(<1 J)	ND	ND	ND	ND	ND	<2 J	NS	ND	(<2 J)
			24-Oct-00	ND	ND	ND	ND	ND	ND	0.39 J.B	ND	ND	ND
1		Duplicate	24-Oct-00 24-Apr-01	ND ND	ND	DN ND	ND ND	ND ND	ND ND	0.40 J,B ND	ND ND	DN DN	ND ND
1		l	09-Oct-01	ND	ND 0.19 J	ND ND	ND	ND	ND	ND ND	ND	ND	NO DIA
1		!	29-Apr-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ON
1		ŀ	08-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	NO
1		İ	08-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1		ſ	09-Oct-03 14-Apr-04	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
1			14-Apr-04 05-Oct-04	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ON
1		l			.,,,	140						. 1.5	
LF	08-MW08C	l	15-May-91	ND	<1 J	ND	ND	ND	ND	<2 J	NS	ND	(<2 J)
			16-Jan-92	ND	ND	ND	NO	ND	ND	ND	NS	ND	ND
1		l	24-Oct-00	ND	0.13 J	ND	ND	ND	ND	0 31 J.B	ND	ND	ND ND
1		- 1	02-Oct-01 08-Oct-02	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
			16-Oct-03	ND	ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND
1		ļ	05-Oct-04	ND	ND	ND	ND	ON	ND	ND	ND	ND	ND
1		l	ľ										
LF	08-MW09A	ſ	01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
1			01-Nov-97	ND	ND	ND 200	ND	ND	ND	(29)	NS	ND	ND I
		l	22-Oct-98	(1.1)	13	0.33 J	1.87	ND ND	ND ND	3.1 ND	NS NS	ND DN	ND
		1	12-Oct-99 23-Oct-00	0.43 J (1.8)	0.67 6.4	ND 0.82 J	ND 4.9	ND ND	ND ND	ND 0.37 J	NS ND	ND	ND ND
		ļ	24-Apr-01	ND	ND	ND	ND	ND	ND	0.35 J.B	ND	ND	ND
		ŀ	08-Oct-01	ND	0.52 J	ND	ND	ND	ND	ND	ND	ND	ND
		j	29-Apr-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1		1	14-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1			08-Apr-03	ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND
			14-Oct-03 14-Apr-04	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
ı			18-Oct-04	ND	ND ND	ND ND	ND	ND ND	ND ND	ND	ND ND	ND	ND I

### Table 2-3 Landfill 8 Groundwater Analytical Results Summary - VOCs Wright-Patterson AFB, Ohio Page 2 of 4

		SAMPLE				TOTAL	<del></del>		METHYLENE			VINYL
LOCATION Units	<u>-</u>	DATE	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES	CHLOROFORM	TRANS-1,2-DCE	CHLORIDE	MTBE	TCE	CHLORIDE
Compliance Level	- ROD		μg/L 0.62	μg/L NCL	μ <b>ο/</b> L NCL	μg/L NCL	µg/L 0.28	µg/L 100	μ <b>g/L</b> 6.22	μg/L NCL	<u>μ</u> g/L 3.03	μg/L 0.0283
Compliance Level			5	1000	700	10000	NCL	100	NCL.	NCL	5	2
. =00 + 414/00B				***								
LF08-MW09B		01-Oct-96 01-Nov-97	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	NS NS	ND ND	ND ND
		22-Oct-98	ND	ND	ND ND	ND	ND	ND	3.2 ND	NS NS	ND	ND
	1	12-Oct-99	ND	ND	ND	ND	ND	ND	ND ND	NS	ND	ND
		23-Oct-00	ND	0.27 J	ND ND	ND ND	ND	ND	0.30 J	ND	ND	ND
		08-Oct-01	ND	0.29 J	ND	ND	ND	ND	0.30 J ND	ND	ND	ND
		14-Oct-02	ND	ND	ND ND	ND	ND	ND	ND	ND	ND	ND
	1	14-Oct-03	ND	ND	ND	ND	ND	NO	ND	ND	ND	ND
	]	18-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
# * . # .												
LF08-MW10A		01-Oct-96 01-Nov-97	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NS NS	ND ND	ND ND
		19-Oct-98	ND	ND	ND	ND	ND	ND	0.31 J	NS	ND	ND
	)	12-Oct-99	ND	ND	ND	ND	ND	ND	ND ND	NS	ND	ND
	ľ	25-Oct-00	ND	0.20 J	ND	ND	ND	ND	0.25 J	ND	ND	ND
	ľ	03-Oct-01	ND	0.19 J	ND	ND	ND	ND	ND	ND	ND	ND
		14-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Į	06-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1	20-Oct-04	ND	ND	ND	ND	NO	ND	ND	ND	ND	ND
.F08-MW10B	ļ	01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	(9.0)
, CO-MITTIOS	j	01-0ct-96 01-Nov-97	ND ND	ND	ND ND	ND ND	ND ND	ON ON	. ND	NS NS	ND	(9.0) (6.4)
	į	19-Oct-98	ND	ND	ND	ND	ND	NO	0.45 J	NS	ND	(10)
	ŀ	18-Oct-99	ND	ND	ND	ND	ND	ND	ND	NS	ND	(8.2)
	- 1	25-Oct-00	ND	0.24 J	ND	ND	ND	0.11 J	0.38 J	ND	ND	(8.2)
	J	24-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	(7.4)
	ŀ	03-Oct-01	ND	0.22 J	ND	ND	NÐ	ND	ND	ND	ND	(6.2)
	ļ	29-Apr-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	(6.6)
		14-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	(7.1)
	- 1	15-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	(5.2)
		06-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	(5.1)
	[	19-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	(4.4)
	ŀ	12-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	(5.1)
F08-MW10C		01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	(6.0)
LF08-MW10C		01-Nov-97	ND	ND	ND	ND	ND	ND	(29)	NS	ND	(3.6)
		29-Oct-98	ND	ND	ND	ND	ND	0.22 J	ND	NS	ND	(4.4)
	- (	20-Oct-99	(0.64)	ND	ND	ND	ND	0. 38 J	ND	NS	0.33 J	(2.5)
		25-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		03-Oct-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DD	DRY	DRY
		09-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		11-Oct-02	ND	ND	ND	ND	(11)	ND	ND	ND	ND	ND
	1	06-Oct-03 20-Oct-04	ND ND	ND ON	ND ND	ND ND	(10) (0 48 J)	ND ND	ND ND	ND ND	ND ND	ND ND
		- 1										
LF08-MW11A	Ì	08-Oct-02	ND 0.31 I	ND	ND	ND	ND ND	ND	ND	ND	ND	ND ND
	l	09-Oct-03 13-Oct-04	0 21 J 0 37 J	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND DN
	ì											
F08-MW11B		24-Apr-01 09-Oct-01	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	0.34 J.B ND	ND ND	ND ND	ND ND
	- 1	01-May-02	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND
		07-Oct-02	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND
r	Duplicate	07-Oct-02	ND	ND	ND ND	ND	ND	ND	ND	ND ND	ND	ND
	Jupinoate	11-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND i
		08-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ł	21-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .
	- 1	13-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E00 MA(4+0		00 0 = 00	NO	NC	NC	NE		NC	AIC.	AID.	NO.	
_F08-MW11C	1	09-Oct-02 09-Oct-03	ND ND	ND ON	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	- 1	13-Oct-04	ND	ND	ND	ND	ND ND	ND	ND ND	ND	ND	ND ND
F00 + 114140 :	ļ											
F08-MW101		01-Oct-96 01-Nov-97	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NS NS	ND ND	ND ND
		01-Nov-97	DRY	DRY	DRY	DRY	DRY	DRY	DRY	NS NS	DRY	DRY
	i	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	NS	DRY	DRY
	ļ	22-Oct-98	ND	0.84	ND	ND	ND	ND	2.3	NS	ND	ND
	j	20-Oct-99	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	1	24-Oct-00	ND	0.15 J	ND	ND ND	ND	ND ND	0 33 J.B	ND ND	ND	ND ND
	ļ	24-Oct-00 24-Apr-01	ND ND	ND	ND ON	ND ND	ND	ND ND	ND ND	ND ND	ND	ND ND
	- 1	01-Oct-01	ND	ND	ND ND	ND	ND ND	ND	ND ND	ND	ND	ND
	- 1	29-Apr-02	ND	ND	ND ND	ND	ND ND	ND	ND ND	ND	ND	ND
	1	07-Oct-02	ND	ND	ND ND	ND	ND ND	ND ND	ND ND	ND	ND	ND ND
	- 1	11-Apr-03	ND	ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND	ND ND
	- 1	01-Oct-03	0.26 J	ND	ND ND	ND	ND	ND	ND ND	ND	ND	ND I
		01-061-03								NU	HU	140
	- 1	14-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

### Table 2-3 Landfill 8 Groundwater Analytical Results Summary - VOCs Wright-Patterson AFB, Ohlo Page 3 of 4

LOCATION	SAMPLE	DEALTH	TO: 11515	57110 05117NS	TOTAL	2111 OD OF OD 11		METHYLENE	ACTOR	705	VINYL
LOCATION Units	DATE	BENZENE μg/L	TOLUENE µg/L	ETHYLBENZENE µg/L	XYLENES μg/L	CHLOROFORM μg/L	TRANS-1,2-DCE μg/L	CHLORIDE µg/L	MTBE μg/L	TCE μg/L	CHLORIDE μg/L
Compliance Level - ROD		0.62	NCL	NCL	NCL	0.28	100	6.22	NCL	3.03	0.0283
Compliance Level - MCL		5	1000	700	10000	NCL	100	NCL	NCL	5	2
LF08-MW102	01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
LF00-M144102	01-0ct-96	ND ND	ND	ND	ND	ND ND	ND ND	ND ND	NS	ND	ND ND
	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	NS	DRY	DRY
1	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	NS	DRY	DRY
	22-Oct-98 19-Oct-99	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	1,1 ND	NS NS	ND ND	ND ND
	18-Oct-00	ND	0.29 J	ND ND	ND	ND ND	ND	ND	ND	ND	ND D
	24-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	01-Oct-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	29-Apr-02 07-Oct-02	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	10-Apr-03	ND ND	ND	ND ND	ND	ND ND	ND ND	ND ND	ND	ND	ND I
	30-Sep-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	06-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LF08-MW103	01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
21 00 11111100	01-Nov-97	ND	ND	ND	ND	ND	ND	ND	NS	NO	ND
	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	NS	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	NS	DRY	DRY
	26-Oct-98 19-Oct-99	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	0.91 ND	NS NS	ND ND	DIA CIA
	24-Oct-00	ND	0.19 J	ND	ND	ND	ND	0.33 J.B	ND	ND	ND
	24-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
İ	01-Oct-01	ND	0.33 J	ND	ND	ND	ND	ND	ND	ND	ND
	29-Apr-02 07-Oct-02	ND (0.97 J)	ND ND	ND	ND 1.2	ND ND	ND ND	ND ND	ND 22	ND ND	ND ND
	10-Apr-03	(0.97 J) ND	ND ND	ND ND	1.2 ND	ND	ND ND	ND ND	ND	ND ND	ND ND
	30-Sep-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1	06-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02-DM-815-M	01-Jun-86	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	15-May-91	ND	ND	ND	ND	ND	ND	<2 J	NS	ND	ND
	16-Sep-91	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	28-Jan-92	ND	ND	ND	ND	ND	ND	ND	NS ND	ND ND	ND ND
	01-Sep-98 27-Oct-00	ND ND	ND 0.16 J	ND ND	ND ND	ND ND	ND ND	ND 0.44 J	ND ND	ND	ND
	02-Oct-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09-Oct-03	ND	0 20 J	ND	ND	ND	ND	ND	ND	ND	ND
	05-Oct-04	ND	0.19 J	ND	ND	ND	ND	ND	ND	ND	ND
02-DM-81D-M	01-Jun-86	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	15-May-91	ND	<1 J	ND	ND	ND	ND	<2 J	NS	ND	(<2 J)
	16-Sep-91	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	28-Jan-92 01-Sep-98	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NS ND	ND ND	ND ND
	30-Oct-00	ND	0.16 J	ND	ND	ND	ND	ND	ND	ND	ND
	23-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02-Oct-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	29-Apr-02 03-Oct-02	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	22-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
•	23-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05-Oct-04	ND	ND	, ND	ND	ND	ND	ND	ND	ND	ND
02-DM-82-M	01-Jun-86	ND	ND	ND	ND	(<5)	ND	ND	NS	ND	ND
1	13-May-91	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
1	17-Sep-91	ND ND	ND	ND	ND	ND	ND ND	ND ND	NS NS	ND ND	ND I
	01-Feb-92 01-Sep-98	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NS ND	ND ND	ND ND
1	30-Oct-00	ND	ND	ND	ND	ND	ND	0.23 J.B	ND	ND	ND
1	23-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04-Oct-01	ND ND	0.24 J	ND	ND	ND NO	ND ND	ND NO	ND ND	ND ND	ND ND
	30-Apr-02 01-Oct-02	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
ł.	21-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND (
	09-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ]
	28-Apr-04	ND ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND
	05-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02-DM-83S-M	01-Jun-86	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	13-May-91	(1 J)	ND	ND	ND	ND	1.0	<2 J	NS	ND	(<2 J)
1	11-Sep-91	(1 J)	ND	ND	ND	ND	1.0	ND	NS	ND	(4.0)
Duplicate	17-Jan-92	(1 J)	ND	ND	ND	ND ND	2.0 NO	ND ND	NS NS	ND	(8.0)
Duplicate	17-Jan-92 01-Sep-98	(0.9 J) (2.0)	ND ND	ND ND	ND ND	ND (6.0)	ND 3.0	ND ND	NS NS	ND ND	ND (3.0)
!	31-Oct-00	0.56 J	ND	ND	ND	ND	0.34 J	0.82 J	ND	ND	(6.6)
	25-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	(6.1)
	05-Oct-01	(0.66 J)	ND	ND	ND	ND (C)	ND	ND	ND	ND	(3.5)
1	29-Apr-02 10-Oct-02	0.40 JD (0.80 J)	ND ND	0.22 JD ND	ND ND	(0.96 JD) ND	ND ND	ND ND	ND ND	ND ND	(2.6 D)
1	22-Apr-03	(0.80 J)	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND DN	(5.8) (3.7 D)
1	08-Oct-03	(0.66 JD)	ND	ND	ND	ND	ND	ND	ND	ND	(3.5 D)
1	23-Apr-04	0.42 J	ND	ND	ND	ND	ND	ND	ND	ND	(1.9)
L	20-Oct-04	(0.62 JD)	ND	ND ND	ND	ND	ND	ND	ND	ND	(0.67 JD)

### Table 2-3 Landfill 8 Groundwater Analytical Results Summary - VOCs Wright-Patterson AFB, Ohio Page 4 of 4

		SAMPLE				TOTAL			METHYLENE		· <del>-</del>	VINYL
LOCATION	<u>.</u>	DATE	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES	CHLOROFORM	TRANS-1,2-DCE	CHLORIDE	MTBE	TCE	CHLORIDE
Units			μg/L	μαΛ	μg/L	μд/L	μα/L	μαΛ	μg/L	μg/L	μg/L	μ <b>g/</b> L
Compliance Level	- ROD		0.62	NCL	NCL	NCL	0.28	100	6.22	NCL	3.03	0.0283
Compflance Level	- MCL		5	1000	700	10000	NCL	100	NCL	NCL	5	2
02-DM-83D-M		01-Jun-86	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
02-DM-63D-M			ND ND								ND	
		13-May-91	ND	ND	ND	ND	ND	ND	<2 J	NS		ND
	1	16-Sep-91 02-Feb-92	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
				ND	ND	ND	ND	ND	ND	NS	ND	ND
		01-Sep-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
_	l	31-Oct-00	ND	ND	ND	ND	ND	ND	0.22 J	ND	ND	ND
۱ '	Duplicate	31-Oct-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		02-Oct-01	ND	ND	NO	ND	ND	ND	ND	ND	ND	ND
i	1	10-Oct-02	ND	ND	NO	ND	ND	ND	ND	ND	ND	ND
	- 1	08-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		20-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02-DM-84-M		01-Jun-86	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	i	13-May-91	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
		16-Sep-91	1 J	ND	ND	ND	ND	0.6 J	ND	NS	ND	ND
	1	01-Feb-92	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
		01-Sep-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		27-Oct-00	(0.79 J)	ND	ND	ND	ND	ND	0 51 J	ND	ND	ND
	- 1	02-Oct-01	(0.76 J)	0.22 J	ND	ND	ND	ND	ND	ND	ND	ND
		16-Oct-02	(0.88 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Į.	01-Oct-03	(0.96 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND
	i	18-Oct-04	(0.84 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND
C	Duplicate	16-Oct-04	(0.93 J)	ND	ND	ND	ND	ND	ND	ND	ND	ND
LF08-MP013*		01-May-02	ND	ND	ND	ND	ND	ND	ND	ND	(24 D)	ND
- 55 100		17-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	(58 D)	ND
	1	23-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	(4.6)	ND
	ļ	10-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	(17)	ND
	Ì	23-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	(8.2)	ND
		20-Oct-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
LF08/10-EFF		28-Jul-04	0,26 J	ND	ND	ND	(3.9)	ND	ND	ND	ND	ND
LF08/10-EFF		21-Oct-04	0.47 J	ND	ND	ND	(1.6)	0.19 J	ND	ND	0.44 J	(U.69 J)

VOC - Volatile Organic Compound ND - Not Detected ROD - Record of Decision NS - Not Sampled NCL - Maximum Contaminant Level B - Method blank con NCL - No Compliance Level set for these chemicals D - Result obtained fin () - Concentration exceeds a compliance level. J - Estimated result. • - Sampling location LF08-MP013 is a soil vapor monitoring point sampled for groundwater.

ND - Not Detected
NS - Not Sampled
B - Method blank contamination.
D - Result obtained from the analysis of a dilution.
J - Estimated result, result less than reporting limit.

μg/L - micrograms per litter
DCE - Dichloroethene
TCE - Trichloroethene
MTBE - Methyl tert-but/f ether
E - Estimated result, concentration out of calibration range

See Appendix C-1 for additional October 2004 VOC detections not listed here.

### Table 2-4 Landfill 8 Groundwater Analytical Results Summary - SVOCs Wright-Patterson AFB, Ohio Page 1 of 3

LOCATI		DATE	4-METHYL- PHENOL	BENZO(A) PYRENE	DIETHYL- PHTHALATE	NAPHTHALENE
Units			(μg/L)	(µg/L)	(μg/L)	(μg/L)
Compliance L			NCL	NCL	NCL	NCL
Compliance L	_evel - MCL		NCL	0.2	NCL	NCL
LF08-MW02A		01-Oct-96	ND	ND	ND	ND
		01-Nov-97	ND	ND	ND	ND
		26-Oct-98	ND	ND	ND	ND
		12-Oct-99	ND	ND	ND	ND
		23-Oct-00	ND	ND	ND	ND
		03-Oct-01	ND	ND	ND	ND
		02-Oct-02	ND	ND	ND	ND
		01-Oct-03	ND	ND	ND	ND
		05-Oct-04	ND	ND	ND	ND
LF08-MW02C		01-Oct-96	ND	ND	ND	ND
LI OO-WIVVOZC		01-Oct-96 01-Nov-97	ND	ND	ND	ND
		26-Oct-98	ND	ND	ND ND	ND
		12-Oct-99	ND	ND	ND	ND
	Duplicate	12-Oct-99	ND ND	ND	ND	ND
	Duplicate	23-Oct-00	ND	ND	ND	ND
		04-Oct-01	ND	ND	ND	ND
	Ì		ND	ND	ND	ND
	i	02-Oct-02				
	-	01-Oct-03	ND	ND	ND ND	ND
		06-Oct-04	ND	ND	ND	ND
ENG MAINER		00 No. 00	<b></b>	ND.	NO	ND
LF08-MW05B		02-Nov-00 02-Oct-01	ND	ND ND	ND	ND ND
	D		ND		ND	ND
	Duplicate		ND	ND	ND	ND NO
	D	03-Oct-02	ND	ND	ND	ND
	Duplicate	03-Oct-02	ND	ND	ND ND	ND
	Dunlingto	09-Oct-03	ND	ND ND	ND	ND ND
	Duplicate	09-Oct-03	ND	ND ND	ND	ND ND
	Duplicate	05-Oct-04	ND ND	ND ND	ND	ND ND
	Duplicate	05-Oct-04	NU	ND	ND	ND
LF08-MW08A		24-Oct-00	ND	ND	ND	ND
Li do mittoort	- 1	02-Oct-01	ND	ND	ND	ND
	ı	08-Oct-02	ND	ND	ND	ND
		13-Oct-03	ND	ND	ND	ND
	Duplicate	13-Oct-03	ND	ND	ND	ND
	_ apoa.o	05-Oct-04	ND	ND	ND	ND
LF08-MW08B		24-Oct-00	ND	ND	ND	ND
	Duplicate	24-Oct-00	ND	ND	ND	ND
		09-Oct-01	ND	ND	ND	ND
		08-Oct-02	ND	ND	ND	ND
		09-Oct-03	ND	ND	ND	ND
	1	05-Oct-04	ND	ND	ND	ND
F00 4 M4:						=
LF08-MW08C		24-Oct-00	ND	ND	ND	ND
		02-Oct-01	ND	ND	ND	ND
		08-Oct-02	ND	ND	ND	ND
		16-Oct-03	ND	ND	ND ND	ND ND
	ļ	05-Oct-04	ND	ND	ND	ND
LF08-MW09A		01-Oct-96	ND	ND	ND	ND
LI JO-IVIVVUSA		01-Oct-96 01-Nov-97	ND ND	ND ND	ND	ND ND
		22-Oct-98	ND ND	ND ND	ND	ND ND
		12-Oct-98	ND ND	ND	ND ND	ND ND
		23-Oct-00	ND	ND	ND	ND
		08-Oct-01	ND	ND	ND	ND
		14-Oct-02	ND	ND	ND	ND
	-	14-Oct-03	ND	ND	ND	ND
	1	18-Oct-04	NC	NC	NC	NC
	l	.5 561-54				.,,
F08-MW09B	i	01-Oct-96	ND	ND	ND	ND
		01-Nov-97	ND	ND	ND	ND
		22-Oct-98	ND	ND	ND	ND
		12-Oct-99	ND	ND	ND	ND
		23-Oct-00	ND	ND	ND	ND
		08-Oct-01	ND	ND	ND	ND
		14-Oct-02	ND	ND	ND	ND
	ļ	14-Oct-03	ND	ND	ND	ND
	1	18-Oct-04	ND	ND	ND	ND

### Table 2-4 Landfill 8 Groundwater Analytical Results Summary - SVOCs Wright-Patterson AFB, Ohio Page 2 of 3

LOCATION	DATE	4-METHYL- PHENOL	BENZO(A) PYRENE	DIETHYL- PHTHALATE	NAPHTHALENE
Units		(μg/L)	(μg/L)	(µg/L)	(μg/L)
Compliance Level - ROD		NCL	NCL	NCL	NCL
Compliance Level - MCL		NCL	0.2	NCL	NCL
LF08-MW10A	01-Oct-96	ND	ND	ND	ND
	01-Nov-97	ND	ND	ND	ND
	19-Oct-98	ND	ND	ND	ND
	12-Oct-99	ND	ND	ND	ND
	25-Oct-00	ND	ND	ND	ND
	03-Oct-01	ND	ND	ND	ND
	14-Oct-02	ND	ND	ND	ND
	06-Oct-03	ND	ND	ND	ND
	20-Oct-04	ND	ND	ND	ND
LF08-MW10B	01-Oct-96	ND	ND	ND	ND
	01-Nov-97	ND	ND	ND	ND
	19-Oct-98	ND	ND	ND	ND
	18-Oct-99	ND	ND	ND	ND
	25-Oct-00	ND	ND	ND	ND
	03-Oct-01	ND	ND	ND	ND
	14-Oct-02	ND	ND	ND	ND
	06-Oct-03	ND	ND	ND	ND
	12-Oct-04	ND ND	ND	ND	ND
	12 000 04	140	140	115	,,,,
LF08-MW10C	01-Oct-96	ND	ND	ND	ND
	01-Nov-97	ND	ND	ND	ND
	29-Oct-98	ND	ND	ND	ND
	20-Oct-99	ND	ND	ND	ND
	25-Oct-00	DRY	DRY	DRY	DRY
	03-Oct-01	DRY	DRY	DRY	DRY
	11-Oct-02	ND	ND	ND	ND
	06-Oct-03	ND	ND	ND	ND
	20-Oct-04	ND	ND	ND	ND
	20-000-04	NO	ND	NU	140
LF08-MW11A	08-Oct-02	ND	ND	ND	ND
2. 00 11111 177	09-Oct-03	ND	ND	ND	ND
	13-Oct-04	ND	ND	ND	ND
	10 0000	140			112
LF08-MW11B	09-Oct-01	ND	ND	ND	ND
	07-Oct-02	ND	ND	ND	ND
Duplicate	07-Oct-02	ND	NĐ	ND	ND
2 op.iica (s	08-Oct-03	ND	ND	ND	ND
i	13-Oct-04	ND	ND	ND	ND
	13 00.04	140	110		112
LF08-MW11C	09-Oct-02	ND	ND	ND	ND
································	09-Oct-03	ND	ND	ND	ND
i	13-Oct-04	ND	ND	ND	ND
	.5 500 5-7	.,,,			.10
LF08-MW101	01-Oct-96	ND	ND	ND	ND
	01-Nov-97	ND	ND	ND	ND
	01-Jun-98	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY
	22-Oct-98	ND	ND	ND	ND
	20-Oct-99	ND	ND	ND	ND
l				ND	
Į.	24-Oct-00	ND	ND ND		ND
i	01-Oct-01	ND	ND	ND	ND
Ì	07-Oct-02	ND	ND ND	ND	ND
	01-Oct-03	ND	ND ND	ND	ND
	04-Oct-04	ND	ND	ND	ND
E09 MW102	01 04 06	ND	ND	ND	ND
LF08-MW102	01-Oct-96	ND	ND	ND ND	ND ND
ŀ	01-Nov-97	ND	ND	ND	ND
· · · · · · · · · · · · · · · · · · ·	01-Jun-98	DRY	DRY	DRY	DRY
ļ	01-Sep-98	DRY	DRY	DRY	DRY
l	22-Oct-98	ND	ND	ND	0.5
l	19-Oct-99	ND	ND	ND	ND
l	18-Oct-00	ND	ND	ND	ND
	01-Oct-01	ND	ND	ND	ND
	07-Oct-02	ND	ND	ND	ND
	07-001-02	IND			
	30-Sep-03	ND	ND	ND	ND

### Table 2-4 Landfill 8 Groundwater Analytical Results Summary - SVOCs Wright-Patterson AFB, Ohio Page 3 of 3

	1	4-METHYL-	BENZO(A)	DIETHYL-	
LOCATION	DATE	PHENOL	PYRENE	PHTHALATE	NAPHTHALENE
Units		(μg/L)	(µg/L)	(μg/L)	(μg/L)
Compliance Level - ROD	1	NCL	NCL	NCL	NCL
Compliance Level - MCL	]	NCL	0.2	NCL	NCL
LF08-MW103	01-Oct-96	ND	ND	ND	ND
	01-Nov-97	ND	ND	ND	ND
	01-Jun-98	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY
	26-Oct-98	ND	ND	ND	ND
	19-Oct-99	ND	ND	ND	ND
	24-Oct-00	ND	ND	ND	ND
	01-Oct-01	ND	ND	ND	ND
	07-Oct-02	ND	ND	ND	ND
	30-Sep-03	ND	ND	ND	ND
	06-Oct-04	ND	ND	ND	ND
02-DM-81S-M	27-Oct-00	ND	ND	ND	ND
	02-Oct-01	ND	ND	ND	ND
	03-Oct-02	ND	ND	ND	ND
	09-Oct-03	0.84 J	ND	ND	ND
	05-Oct-04	1.0 J	ND	ND	ND
	***	,,,,,			
02-DM-81D-M	30-Oct-00	ND	ND	ND	ND
	02-Oct-01	ND	ND	ND	ND
	03-Oct-02	ND	ND	ND	ND
	13-Oct-03	ND	ND	ND	ND
	05-Oct-04	ND	ND	ND	ND
	1				· ·-
02-DM-82-M	30-Oct-00	ND	ND	ND	ND
	04-00-01	ND	ND	ND	ND
	01-Oct-02	ND	ND	ND	ND
	09-Oct-03	ND	ND	ND	ND
	05-Oct-04	ND	ND	ND	ND
02-DM-83S-M	31-Oct-00	ND	ND	ND	ND
	05-Oct-01	ND	ND	ND	ND
	10-Oct-02	ND	ND	ND	ND
	08-Oct-03	ND	ND	ND	ND
	20-Oct-04	ND	ND	ND	ND
	1				
02-DM-83D-M	31-Oct-00	ND	ND	ND	ND
Duplicate	31-Oct-00	ND	ND	ND	ND
•	02-Oct-01	ND	ND	ND	ND
	10-Oct-02	ND	ND	ND	ND
	08-Oct-03	ND	ND	ND	ND
	20-Oct-04	ND	ND	ND	ND
02-DM-84-M	27-Oct-00	ND	ND	ND	ND
	02-Oct-01	ND	ND	ND	ND
	16-Oct-02	ND	ND	ND	ND
	01-Oct-03	ND	ND	ND	ND
	18-Oct-04	ND	ND	ND	ND
Duplicate	18-Oct-04	ND	ND	ND	ND
•	]				
LF08-MP013	17-Oct-02	ND	ND	ND	ND

NC - Not Collected. Insufficient Water.

NCL - No Compliance Level set for these chemicals.

ND - Not detected μg/L = micrograms per liter

### Table 2-5 Landfill 8 Groundwater Analytical Results Summary - Dioxins Wright-Patterson AFB, Ohio Page 1 of 3

LOCATI		DATE	Total-HpCDD	1,2,3,4,6,7,8- HpCDF	1,2,3,4,7,8- HxCDD	2,3,7,8- TCDD	2,3,7,8- TCDF	OCDD	OCDF
Units	·		(pg/L)	(pg/L)	(pg/L)	(pg/L)	(pg/L)	(pg/L)	(pg/L)
Compliance L	evel - ROD		56.7	56.7	5.67	0.567	5.67	567	<u>5</u> 67
Compliance L	evel - MCL		NCL	NCL	NCL	30	NCL	NCL	NCL
LF08-MW02A		26-Oct-98	ND near 10	ND ND	ND	ND	ND	3.4 JBQ	ND
		12-Oct-99 23-Oct-00	0.64 JQ ND	ND	ND ND	ND ND	ND DN	4.7 JB 2.3 JBQ	ND ND
		03-Oct-01	ND	0.76 J	ND	ND	ND	4.3 JB	47 J
		02-Oct-02	NC	NC	NC	NC	NC	NC	NC.
		01-Oct-03	ND	ND	ND	ND	ND	2.0 JB	ND
		05-Oct-04	ND	1.5 JB	ND	ND	ND	8.7 JB	4.5 JBQ
LF08-MW02C		26-Oct-98	ND	ND	ND	ND	ND	2.4 JBQ	ND
LFU0-MVVU2C	ĺ	12-Oct-99	ND	ND	ND	ND	ND	1.4 JBQ	ND
	Duplicate	12-Oct-99	ND	ND	ND	ND	ND	1.8 JBQ	ND
	Dupilouto	23-Oct-00	ND	ND	ND	ND	ND	6.1 JB	ND
		04-Oct-01	ND	ND	ND	ND	ND	9.3 JBQ	ND
		02-Oct-02	1.8 JBQ	2.0 JBQ	(8.6 JB)	ND	ND	6.5 JB	4.6 JB
	i	01-Oct-03	ND	ND	ND	ND	ND	ND	ND
		06-Oct-04	1.5 JBQ	1.2 JB	ND	ND	ND	5.1 JB	2.0 JBQ
LF08-MW05B		02-Nov-00	ND	0.43 JQ	ND	ND	ND	2.2 JBQ	ND
2. 307000		02-Not-01	ND	ND	ND	ND	ND	4.9 JB	6.0 J
	Duplicate	02-Oct-01	ND	ND	ND	ND	ND	2.7 JB	ND
		03-Oct-02	ND	ND	ND	ND	ND	3.7 JB	3.3 JBC
	Duplicate	03-Oct-02	1.5 JBQ	ND	ND	ND	ND	5.2 JB	3 7 JBC
		09-Oct-03	ND	ND	ND	ND	ND	2.9 JB	ND
	Duplicate	09-Oct-03	ND	ND	ND	ND	ND	1 8 JBQ	ND
	Duplicate	05-Oct-04 05-Oct-04	ND ND	1.1 JBQ ND	ND ND	ND ND	ND ND	8.3 JB 10 JB	5.0 JBQ 6.8 JB
	Duplicate	03-00:04	112	,10	,,,,	,,,,	110	10 00	0.0 00
.F08-MW08A		24-Oct-00	ND	ND	ND	ND	ND	ND	ND
		02-Oct-01	ND	ND	ND	ND	ND	16 JB	23 J
		08-Oct-02	ND	ND	ND	ND	ND	4.7 JB	ND
	Ouslingto	13-Oct-03 13-Oct-03	ND ND	ND ND	ND ND	ND ND	ND ND	1.6 JBQ 2.4 JBQ	ND ND
	Duplicate	05-Oct-04	1.9 JB	1.2 JBQ	ND	ND	ND	4.7 JBQ	4.2 JB
F00 MM100B		04.04.00	ND	ND	ND	ND	ND	40.10	ND
LF08-MW08B	Duplicate	24-Oct-00 24-Oct-00	ND ND	ND ND	ND ND	ND ND	ND ND	4.2 JB 7.7 JB	ND ND
	Duplicate	09-Oct-01	ND	ND	ND	ND	ND	4.1 JB	ND
		08-Oct-02	ND	1.8 JB	ND	ND	ND	6.7 JBQ	3.5 JB
		09-Oct-03	ND	ND	ND	ND	ND	ND	ND
		05-Oct-04	1.8 JBQ	1 7 JB	ND	ND	ND	7.5 JB	5.9 JB
LF08-MW08C		24-Oct-00	ND	ND	ND	(2.2 JQ)	ND	13 JB	ND
L1 00-WWW00C		02-Oct-01	14 JQ	14 JQ	ND	ND	5.2 JQ	100 B	39 J
	ŀ	08-Oct-02	13 JBQ	40 JB	ND	ND	ND	59 JB	320 B
		16-Oct-03	ND	ND	ND	ND	ND	7.6 JBQS	ND
		05-Oct-04	ND	ND	ND	ND	ND	8.2 JBQ	ND
_F08-MW09A		22-Oct-98	ND	ND	ND	ND	ND	2.7 JB	ND
_1 00-1111103A		12-Oct-99	ND	ND	ND	ND	ND	2.2 JB	ND
		23-Oct-00	ND	ND	ND	ND	ND	2.2 JBQ	ND
	į	08-Oct-01	ND	ND	ND	ND	ND	ND	ND
	ł	14-Oct-02	NC	NC	NC	NC	NC	NC	NC
		14-Oct-03	NC	NC	NC	NC	NC	NC	NC
	ļ	18-Oct-04	NC	NC	NC	NC	NC	NC	NC
_F08-MW09B	i	22-Oct-98	ND	ND	ND	ND	ND	3.3 JB	ND
	Į	12-Oct-99	ND	ND	ND	ND	ND	2 3 JB	ND
		23-Oct-00	ND	ND	ND	ND	ND	11 JBQ	ND
		08-Oct-01	ND	ND	ND	ND	ND	ND	ND
	ļ	14-Oct-02	ND	ND	ND	ND	NĐ	ND	ND
	ĺ	14-Oct-03	ND	ND	ND	ND	ND	ND 22 IB	ND 0.04 IB
	ł	18-Oct-04	ND	ND	ND	ND	ND	2.2 JB	0 94 JB
F08-MW10A	j	19-Oct-98	ND	ND	ND	ND	ND	3.2 JB	ND
	ľ	12-Oct-99	ND	ND	ND	ND	ND	1.4 JBQ	ND
	ľ	25-Oct-00	ND	ND	ND	ND	ND	4.1 JB	ND
	}	03-Oct-01	ND	ND	ND	ND	ND	ND	2.6 JQ
	l	14-Oct-02	ND	ND	ND	ND	ND	ND	ND
		06-Oct-03	ND	ND	ND	ND	ND	2.5 JB	ИD

### Table 2-5 Landfill 8 Groundwater Analytical Results Summary - Dioxins Wright-Patterson AFB, Ohio Page 2 of 3

LOCATION	DATE	Total-HpCDD	1,2,3,4,6,7,8- HpCDF	1,2,3,4,7,8- HxCDD	2,3,7,8- TCDD	2,3,7,8- TCDF	OCDD	OCDF
Units		(pg/L)	(pg/L)	(pg/L)	(pg/L)	(pg/L)	(pg/L)	(pg/L)
Compliance Level - ROD		56.7	56.7	5.67	0.567	5.67	567	567
Compliance Level - MCL		NCL	NCL	NCL	30	NCL	NCL	NCL
		_						
LF08-MW10B	19-Oct-98	ND	ND	ND	ND	ND	1.9 JBQ	ND
	18-Oct-99	0.55 J	0.26 JQ	ND	ND	ND	4.0 JB	0.83 JBQ
	25-Oct-00	ND ND	ND ND	ND	ND	ND	4.9 JB	ND
	03-Oct-01 14-Oct-02	ND ND	ND ND	ND ND	ND ND	ND ND	3.6 JBQ ND	ND ND
	06-Oct-03	ND ND	ND	ND	ND	ND	3.8 JB	ND
	12-Oct-04	ND	ND	ND	ND	ND	2.6 JBQ	ND
LF08-MW10C	29-Oct-98	ND	ND	ND	ND	ND	34 JB	ND
	20-Oct-99	0.96 JBQ	0.26 JBQ	ND	ND	ND	12 JB	0.5 JBQ
	25-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY
,	03-Oct-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	11-Oct-02	ND	2.6 JB	ND	ND ND	ND	16 JB	ND ND
	06-Oct-03 20-Oct-04	ND NC	ND NC	ND NC	NC NC	ND NC	3.1 JB NC	NC
	20-000-04	1,40	140	140	140	140	140	140
LF08-MW11A	08-Oct-02	ND	13 JB	ND	ND	ND	15 JB	78 JB
	09-Oct-03	ND	ND	ND	ND	ND	1.6 JBQ	ND
	13-Oct-04	ND	ND	ND	ND	ND	5.7 JB	ND
	00.0				<del>.</del>	• • •		
LF08-MW11B	09-Oct-01	ND ND	ND ND	ND	ND	ND	2.4 JB	ND ND
Duplicate	07-Oct-02 07-Oct-02	ND Analysis canceled	ND	ND	ND	ND	7.7 JB	ND
Duplicate	07-0ct-02 08-0ct-03	ND	ND	ND	ND	ND	2.8 JB	ND
	13-Oct-04	ND	ND	ND	ND	ND	3.7 JBQ	2.6 JBQ
	10 001 04	''	110	110	110	110	5.1 <b>554</b>	2.0000
.F08-MW11C	09-Oct-02	ND	ND	ND	ND	ND	10 JB	ND
	09-Oct-03	ND	ND	ND	ND	ND	1.9 JBQ	ND
	13-Oct-04	2.6 JB	ND	ND	ND	ND	3.7 JB	1.2 JBQ
E00 884404	04 1 00	DDV.	DDV	DBV	DDV	DBV	DDV	DOV
LF08-MW101	01-Jun-98 01-Sep-98	DRY DRY	DRY DRY	DRY DRY	DRY DRY	DRY DRY	DRY DRY	DRY DRY
	22-Oct-98	(160 J)	7.3	ND	ND	ND	(1,000 B)	44 J
	20-Oct-99	11 JBQ	0.9 JB	ND	ND	ND	68 JB	4.3 JB
	24-Oct-00	13 JQ	ND	ND	ND	ND	57 JB	4.1 JBQ
	01-Oct-01	9.7 J	1.3 J	ND	ND	ND	44 JB	43 JB
	07-Oct-02	4.4 JB	2.5 JBQ	2.1 JBQ	ND	ND	27 JBQ	10 JBQ
	01-Oct-03	ND	ND	ND	ND	ND	2.9 JB	ND
	04-Oct-04	7.0 JB	2.7 JBQ	1.5 JBQ	ND	ND	15 JB	8.5 JB
_F08-MW102	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY
-FUO-WINN 102	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	22-Oct-98	20 JQ	1.8 J	ND	ND	ND	110 B	6.3 J
	19-Oct-99	1.3 JQ	ND	ND	ND	ND	5.6 JB	0.84 JB
İ	18-Oct-00	ND	ND	ND	ND	ND	3 6 JB	ND
	01-Oct-01	ND	ND	ND	ND	ND	6.3 JBQ	5.6 JBQ
	07-Oct-02	ND	ND	ND	ND ND	ND	19 JB	6.9 JBQ
ļ	30-Sep-03 06-Oct-04	ND ND	ND ND	ND ND	ND	ND ND	2.4 JBQ 6.5 JB	2.0 JB 5.0 JBQ
I	30-061-04	"	110	HU	140	140	0.0 00	J.0 JDQ
_F08-MW103	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	26-Oct-98	(57 J)	2.9	ND	ND	ND	320 B	15 J
	19-Oct-99	ND	ND	ND	ND	ND	6.5 JB	2.3 JB
ľ	24-Oct-00	1.7	ND	ND	ND	ND	23 JB	ND
	01-Oct-01	ND	ND	ND	ND	ND	5.9 JB	3.7 JB
	07-Oct-02	ND ND	ND	ND ND	ND	ND	14 JB	ND
	30-Sep-03 06-Oct-04	ND 1.5 JBQ	ND ND	ND ND	ND ND	ND ND	6 6 JB 6.8 JB	ND ND
	JU-QCI-U4	1.0 JBU	MD	ND	ND	ND	0.0 10	NU
02-DM-81S-M	27-Oct-00	ND	ND	ND	ND	ND	5.3 JB	ND
• . •	02-Oct-01	ND	ND	ND	ND	ND	ND	2.8 JQ
	03-Oct-02	ND	ND	ND	ND	ND	2 4 JB	ND
	09-Oct-03	ND	ND	ND	ND	ND	3.3 JB	ND
	05-Oct-04	3.0 JB	1.5 JBQ	1.3 JBQ	ND	ND	9.4 JBQ	6.3 JB

### Table 2-5 Landfill 8 Groundwater Analytical Results Summary - Dioxins Wright-Patterson AFB, Ohio Page 3 of 3

LOCATION	DATE	Total-HpCDD	1,2,3,4,6,7,8- HpCDF	1,2,3,4,7,8- HxCDD	2,3,7,8- TCDD	2,3,7,8- TCDF	OCDD	OCDF
Units		(pg/L)	(pg/L)	(pg/L)	(pg/L)	(pg/L)	(pg/L)	(pg/L)
Compliance Level - ROD		56.7	56.7	5.67	0.567	5.67	567	567
Compliance Level - MCL		NCL	NCL	NCL	30	NCL	NCL	NCL
20 Dia 04D 14	22.2.22				40.10		22.15	
02-DM-81D-M	30-Oct-00	ND	ND	ND	(10 JQ)	ND	2.0 JB	ND
	02-Oct-01	ND	ND	ND (45.1)	ND	ND	3.4 JBQ	6.4 JQ
	03-Oct-02	ND	ND	(15 J)	ND	ND	2.6 JB	1.2 JBQ
	13-Oct-03	ND	ND	ND	ND	ND	3.3 JB	1.6 JQ
	05-Oct-04	6.5 JBQ	4.4 JB	3.9 JBQ	ND	ND	14 JB	8.1 JBQ
02-DM-82-M	30-Oct-00	ND	ND	ND	ND	ND	3.5 JB	ND
	04-Oct-01	ND	ND	ND	ND	ND	ND	ND
	01-Oct-02	1.9 JBQ	2.0 JBQ	1.3 JBQ	ND	ND	8.4 JB	7.7 JB
	09-Oct-03	ND	ND	ND	ND	ND	3.4 JB	ND
	05-Oct-04	5.3 JBQ	2.7 JBQ	ND	ND	ND	12 JB	5 8 JB
02-DM-83S-M	31-Oct-00	5.1 J	0.94 J	ND	ND	ND	37 JB	ND
	05-Oct-01	3.7 JQ	7.9 J	ND	ND	ND	27 JB	500 B
	10-Oct-02	ND	ND	ND	ND	ND	13 JB	6.6 JBQ
	08-Oct-03	ND	ND	ND	ND	ND	3.5 JB	ND
	20-Oct-04	0.5 JB	ND	ND	ND	ND	3.2 JB	ND
02-DM-83D-M	31-Oct-00	ND	ND	ND	(4.1 JQ)	ND	1 9 JBQ	ND
Duplicate	31-Oct-00	ND	ND	ND	ND	ND	4.4 JB	1.0 JBQ
	02-Oct-01	ND	ND	ND	ND	ND	5.2 JB	5.8 J
	10-Oct-02	ND	ND	ND	ND	ND	13 JBQ	17 JB
]	08-Oct-03	ND	ND	ND	ND	ND	4.0 JBQ	ND
	20-Oct-04	ND	ND	ND	ND	ND	3.2 JBQ	2 2 JBQ
02-DM-84-M	27-Oct-00	ND	ND	ND	ND	ND	4.8 JBQ	ND
02 004	02-Oct-01	ND	ND	ND	ND	ND	ND ND	2.6 JQ
	16-Oct-02	ND	ND ND	ND	ND	ND	ND	ND
	01-Oct-03	ND	ND	ND	ND	ND	1.0 JBQ	ND
Ì	18-Oct-04	ND	0.43 JBQ	ND	ND	ND	2.8 JB	ND
Duplicate	18-Oct-04	0.57 JBQ	ND	ND	ND	ND	3.4 JB	ND

( ) = Concentration exceeds a compliance level.

NCL = No Compliance Level set for these chemicals.

ND = Not Detected

NC = Not Collected, Insufficient water.

pg/L = picograms per liter
J = Estimated Result, Result less than reporting limit.

B = Method Blank Contamination
Q = Estimated Maximum Possible Concentration

S = Ion Suppression

# Table 2-6 Landfill 8 Groundwater Analytical Results Summary Pesticides/PCBs Wright-Patterson AFB, Ohio Page 1 of 4

_			AROCLOR	AROCLOR	AROCLOR	AROCLOR	
LOCATION	ł	DATE	1242	1248	1254	1260	DIELDRIN
Units			(μ <b>g/L)</b>	(μg/L)	(μ <b>g/L)</b>	(μ <b>g/L)</b>	(μg/L)
Compliance Leve			NCL NCL	NCL NCL	NCL NCL	NCL NCL	NCL NCL
Compliance Leve	el - MCL		NCL	NCL	NCL	NCL	NUL
LF08-MW02A		04 0-4 00	ND	ND	ND	ND	ND
LFU8-MVVUZA		01-Oct-96	ND	ND	ND ND	ND	ND
		01-Nov-97	ND ND	ND ND	ND ND	ND	ND ND
		26-Oct-98 12-Oct-99	ND ND	ND ND	ND ND	ND ND	ND ND
		23-Oct-00	ND ND	ND ND	ND ND	ND ND	ND
		03-Oct-00	ND	ND ND	ND ND	ND ND	ND
		02-Oct-01	ND	ND	ND	ND	ND
		01-Oct-03	ND	ND	ND	ND	ND
	- 1	05-Oct-04	ND	ND	ND	ND	ND
						7.2	
LF08-MW02C		01-Oct-96	ND	ND	ND	ND	ND
	- 1	01-Nov-97	ND	ND	ND	ND	ND
		26-Oct-98	ND	ND	ND	ND	ND
		12-Oct-99	ND	ND	ND	ND	ND
D	Suplicate	12-Oct-99	ND	ND	ND	ND	ND
		23-Oct-00	ND	ND	ND	ND	ND
		04-Oct-01	ND	ND	ND	ND	ND
		02-Oct-02	ND	ND	ND	ND	ND
		01-Oct-03	ND	ND	ND	ND	ND
		06-Oct-04	ND	ND	ND	ND	ND
LF08-MW05B		02-Nov-00	ND	ND	ND	ND	ND
		02-Oct-01	ND	ND	ND	ND	ND
D	Ouplicate	02-Oct-01	ND	ND	ND	ND	ND
_		03-Oct-02	ND	ND	ND	ND	ND
D	ouplicate	03-Oct-02	ND	ND	ND	ND	ND
		09-Oct-03	ND	ND	ND	ND	ND
D	Ouplicate	09-Oct-03	ND	ND	ND	ND	ND
_		05-Oct-04	ND	ND	ND	ND	ND
U	Ouplicate	05-Oct-04	ND	ND	ND	ND	ND
LF08-MW08A		24-Oct-00	ND	ND	ND	ND	ND
LFUO-IVIVVUOA		02-Oct-01	ND ND	ND ND	ND ND	ND	ND
		08-Oct-02	ND	ND	ND ND	ND	ND
		13-Oct-03	ND	ND	ND	ND	ND
D	uplicate	13-Oct-03	ND	ND	ND	ND	ND
-		05-Oct-04	ND	ND	ND	ND	ND
	1		<del>-</del>	- <del></del>			· ·-
LF08-MW08B		24-Oct-00	ND	ND	ND	ND	ND
D	uplicate	24-Oct-00	ND	ND	ND	ND	ND
	.	09-Oct-01	ND	ND	ND	ND	ND
	ŀ	08-Oct-02	ND	ND	ND	ND	ND
	ł	09-Oct-03	ND	ND	ND	ND	ND
	į	05-Oct-04	ND	ND	ND	ND	ND
		}					
LF08-MW08C	l	24-Oct-00	ND	ND	ND	ND	ND
	i	02-Oct-01	ND	ND	ND	ND	ND
	į	08-Oct-02	ND	ND	ND	ND	ND
		16-Oct-03	ND	ND	ND	ND	ND
		05-Oct-04	ND	ND	ND	ND	ND
500 MM/004			415				4/5
_F08-MW09A	ĺ	01-Oct-96	ND	ND	ND	ND	ND
	1	01-Nov-97	ND	ND	ND	ND	ND
	1	22-Oct-98	ND	ND	ND	ND	ND
	1	12-Oct-99	ND	ND	ND	ND	ND
	j	23-Oct-00	ND	ND	ND	ND	ND
	j	08-Oct-01	ND	ND	ND	ND	ND
	l	14-Oct-02	ND	ND	ND	ND	ND
	l	14-Oct-03	ND	ND NG	ND	ND NC	ND
		18-Oct-04	NC	NC	NC	NC	NC

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# Table 2-6 Landfill 8 Groundwater Analytical Results Summary Pesticides/PCBs Wright-Patterson AFB, Ohio Page 2 of 4

		AROCLOR	AROCLOR	AROCLOR	AROCLOR	
LOCATION	DATE	1242	1248	1254	1260	DIELDRIN
Units		(μ <b>g/L)</b>	(μ <b>g/L)</b>	(μ <b>g/L)</b>	(μ <b>g/L)</b>	(μ <b>g/L)</b>
Compliance Level - ROD		NCL	NCL	NCL	NCL	NCL
Compliance Level - MCL		NCL	NCL	NCL	NCL	NCL
LF08-MW09B	01-Oct-96	ND	ND	ND	ND	ND
	01-Nov-97	ND	ND	ND	ND	ND
	22-Oct-98	ND	ND	ND	ND	ND
	12-Oct-99	ND	ND	ND	ND	ND
	23-Oct-00	ND	ND	ND	ND	ND
	08-Oct-01	ND	ND	ND	ND	ND
	14-Oct-02	ND	ND	ND	ND	ND
	14-Oct-03	ND	ND	ND	ND	ND
	18-Oct-04	ND	ND	ND	ND	ND
LF08-MW10A	01-Oct-96	ND	ND	ND	ND	ND
El GO-WIFF TOA	01-Nov-97	ND	ND	ND	ND	ND
	19-Oct-98	ND	ND	ND	ND	ND
	12-Oct-99	ND	ND	ND	ND	ND
	25-Oct-00	ND ND	ND	ND	ND	ND
	03-Oct-01	ND	ND	ND	ND	ND
	14-Oct-02	ND	ND	ND	ND	ND
	06-Oct-03	ND	ND	ND	ND	ND
	20-Oct-04	ND	ND	ND	ND	ND
LF08-MW10B	01-Oct-96	ND	ND	ND	ND	ND
	01-Nov-97	ND	ND	ND	ND	ND
	19-Oct-98	ND	ND	ND	ND	ND
	18-Oct-99	ND	ND	ND	ND	ND
	25-Oct-00	ND	ND	ND	ND	ND
	03-Oct-01	ND	ND	ND	ND	ND
	14-Oct-02	ND	ND	ND	ND	ND
	06-Oct-03	ND	ND	ND	ND	ND
	12-Oct-04	ND	ND	ND	ND	ND
LF08-MW10C	01-Oct-96	ND	ND	ND	ND	ND
	01-Nov-97	ND	ND	ND	ND	ND
	29-Oct-98	ND	ND	ND	ND	ND
	20-Oct-99	ND	ND	ND	ND	ND
i	25-Oct-00	DRY	DRY	DRY	DRY	DRY
	03-Oct-01	DRY	DRY	DRY	DRY	DRY
	11-Oct-02	ND	ND	ND	ND	ND
	06-Oct-03	ND	ND	ND	ND	ND
	20-Oct-04	ND	ND	ND	ND	ND
LEOD BRAIAAA	00 0-4 00	NO	ND	ND	ND	ND.
LF08-MW11A	08-Oct-02	ND	ND ND	ND ND	ND	ND ND
	09-Oct-03 13-Oct-04	ND 2.0	ND ND	ND ND	ND ND	ND ND
	13-061-04	2.0	טויו	140	140	110
LF08-MW11B	09-Oct-01	ND	ND	ND	ND	ND
İ	07-Oct-02	ND	ND	ND	ND	ND
Duplicate	07-Oct-02	ND	ND	ND	ND	ND
•	08-Oct-03	ND	ND	ND	ND	ND
	13-Oct-04	ND	ND	ND	ND	ND
LF08-MW11C	00 0-4 00	ND	ND	ND	ND	ND
LFUO-MVVIIC	09-Oct-02 09-Oct-03	ND ND	ND ND	ND ND	ND ND	ND ND
	13-Oct-04	ND	ND	ND	ND	ND
	13-001-04	IND	HU	NU	ואט	140

# Table 2-6 Landfill 8 Groundwater Analytical Results Summary Pesticides/PCBs Wright-Patterson AFB, Ohio Page 3 of 4

		AROCLOR	AROCLOR	AROCLOR	AROCLOR	
LOCATION	DATE	1242	1248	1254	1260	DIELDRIN
Units Compliance Level BOD		(μg/L) NCL	(µg/L)	(μg/L) NCL	(μg/L) NCL	(μg/L) NCL
Compliance Level - ROD Compliance Level - MCL	i i	NCL	NCL NCL	NCL NCL	NCL NCL	NCL NCL
Compliance Level - MCL		NOL.	THOE			- NOL
LF08-MW101	04 004 05	NIP	ND	ND	ND	ND
EPOS-MIVETOT	01-Oct-96	ND ND	ND ND	ND ND	ND ND	ND
	01-Nov-97				DRY	DRY
	01-Jun-98	DRY	DRY	DRY		
	01-Sep-98 22-Oct-98	DRY ND	DRY ND	DRY ND	DRY ND	DRY ND
		ND	ND ND	ND ND	ND	ND
	20-Oct-99 24-Oct-00	ND	ND	ND	ND	ND
	01-Oct-01	ND	ND	ND ND	ND	ND
	07-Oct-02	ND	ND	ND	ND	ND
	01-Oct-02	ND	ND	ND	ND	ND
	04-Oct-04	ND	ND	ND	ND	ND
	04-001-04	NO	ND	NO	ND	ND
LF08-MW102	01-Oct-96	ND	ND	ND	ND	ND
LI 50 17177 10Z	01-001-90 01-Nov-97	ND	ND	ND	ND	ND
	01-Nov-97	DRY	DRY	DRY	DRY	DRY
	01-56n-98	DRY	DRY	DRY	DRY	DRY
	22-Oct-98	ND	ND	ND	ND	ND
	19-Oct-99	ND	ND	ND	ND	ND
	18-Oct-00	ND	ND	ND	ND	ND
	01-Oct-01	ND	ND	ND	ND	ND
	07-Oct-01	ND	ND	ND	ND	ND
	30-Sep-03	ND	ND	ND	ND	ND
	06-Oct-04	ND	ND	ND	ND	ND
	00 000 04	110	NO	ND	110	110
LF08-MW103	01-Oct-96	ND	ND	ND	ND	ND
27 00 11111 100	01-Nov-97	ND	ND	ND	ND	ND
	01-Jun-98	DRY	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY	DRY
	26-Oct-98	ND	ND	ND	ND	ND
	19-Oct-99	ND	ND	ND	ND	ND
	24-Oct-00	ND	ND	ND	ND	ND
	01-Oct-01	ND	ND	ND	ND	ND
	07-Oct-02	ND	ND	ND	ND	ND
	30-Sep-03	ND	ND	ND	ND	ND
	06-Oct-04	ND	ND	ND	ND	ND
i			• • •			
02-DM-81S-M	27-Oct-00	ND	ND	ND	ND	ND
	02-Oct-01	ND	ND	ND	ND	ND
	03-Oct-02	ND	ND	ND	ND	ND
	09-Oct-03	ND	ND	ND	ND	ND
	05-Oct-04	ND	ND	ND	ND	ND
	1					
02-DM-81D-M	30-Oct-00	ND	ND	ND	ND	ND
	02-Oct-01	ND	ND	ND	ND	ND
	03-Oct-02	ND	ND	ND	ND	ND
	13-Oct-03	ND	ND	ND	ND	ND
	05-Oct-04	ND	ND	ND	ND	ND
	[					
02-DM-82-M	30-Oct-00	ND	ND	ND	ND	ND
	04-Oct-01	ND	ND	ND	ND	ND
	01-Oct-02	ND	ND	ND	ND	ND
	09-Oct-03	ND	ND	ND	ND	ND
	05-Oct-04	ND	ND	ND	ND	ND
02-DM-83S-M	31-Oct-00	ND	ND	ND	ND	ND
	05-Oct-01	ND	ND	ND	ND	ND
ĺ	10-Oct-02	ND	ND	ND	ND	ND
	08-Oct-03	ND	ND	ND	ND	ND
		ND	ND	ND	ND	

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# Table 2-6 Landfill 8 Groundwater Analytical Results Summary Pesticides/PCBs Wright-Patterson AFB, Ohio Page 4 of 4

LOCATION		DATE	AROCLOR 1242	AROCLOR 1248	AROCLOR 1254	AROCLOR 1260	DIELDRIN
Units			(μ <b>g/L)</b>	(μ <b>g/L)</b>	(μ <b>g/</b> L)	(μg/L)	(µg/L)
Compliance Level	- ROD		NCL	NCL	NCL	NCL	NCL
Compliance Leve	I - MCL		NCL	NCL	NCL	NCL	NCL
02-DM-83D-M		31-Oct-00	ND	ND	ND	ND	ND
		31-Oct-00	ND	ND	ND	ND	ND
		02-Oct-01	ND	ND	ND	ND	ND
		10-Oct-02	ND	ND	ND	ND	ND
	- 10	08-Oct-03	ND	ND	ND	ND	ND
		20-Oct-04	ND	ND	ND	ND	ND
02-DM-84-M	1:	27-Oct-00	ND	ND	ND	ND	ND
		02-Oct-01	ND	ND	ND	ND	ND
		16-Oct-02	ND	ND	ND	ND	ND
	] (	01-Oct-03	ND	ND	ND	ND	ND
	1.	18-Oct-04	ND	ND	ND	ND	ND
Du	plicate	18-Oct-04	ND	ND	ND	ND	ND

NC - Not Collected. Insufficient Water.

NCL = No Compliance Level set for these chemicals.

ND = Not Detected

μg/L - Micrograms per liter

### Table 2-7 Landfill 8 Groundwater Analytical Results Summary - Inorganics Wright-Patterson AFB, Ohio Page 1 of 4

LOCATIO	N	DATE	ARSENIC	BERYLLIUM	CADMIUM	CYANIDE	COPPER	IRON	LEAD	ZINC	AMMONIA
Units			μ <b>g/</b> L	μg/L	μ <b>g/</b> L	μg/L	μg/L	μg/L	μg/L	μ <b>g/</b> L	μ <b>9/</b> L
Compliance Level Compliance Level			11 50	0.02 4	NCL 5	NCL 200	NCL 1,300	NCL NCL	NCL 15	NCL NCL	NCL NCL
LF08-MW02A		01-Oct-96	ND	ND	1.0	ND	ND	21,700	(22)	63	NS
		01-Nov-97	ND	ND	ND	ND	60	30	9.0	70	NS FOO
		26-Oct-98 12-Oct-99	ND ND	ND ND	ND ND	ND ND	ND ND	4,400 1,500	ND ND	53 ND	500 1,000
		23-Oct-00	ND	ND ND	ND	ND ND	ND	7,800	ND	ND	800
		03-Oct-01	ND	ND	ND	14	ND	1,200	ND	ND	900
		02-Oct-02	ND	ND	ND	ND	ND	5,600	ND	ND	600
		01-Oct-03	ND	ND	ND	ND	ND	6,200	ND	ND	1,000
		05-Oct-04	ND	ND	ND	ND	ND	5,800	ND	ND	1,000
LF08-MW02C		01-Oct-96	ND	ND	ND	ND	ND	10,700	6.0	ND	NS
		01-Nov-97	(50)	ND	ND	ND	50	44,000	(21)	120	NS
		26-Oct-98	(14)	ND	ND	ND	ND	4,000	ND	ND	900
		12-Oct-99	(19)	ND	ND	ND	ND	3,800	ND	ND	700
	Duplicate	12-Oct-99	(23)	ND	ND	ND	ND	4,600	ND	ND	900
		23-Oct-00	(19)	ND	ND	ND	ND	5,400	ND	ND	900 NC
	- 1	23-Apr-01	(33)	ND ND	ND	NS	ND ND	6,300	ND	ND	NS 600
		04-Oct-01 30-Apr-02	10	ND ND	ND ND	ND NS	ND ND	1,500 6,300	ND ND	ND ND	600 NS
		02-Oct-02	(29) (18)	ND ND	ND ND	NS 14	ND ND	3,100	ND ND	ND	700
	j	21-Apr-03	(64)	ND ND	ND ND	NS	ND	12,100	ND	ND	NS
	j	01-Oct-03	(25)	ND ND	ND	ND ND	ND	5,500	ND	ND	1,000
		29-Apr-04	(41)	ND ND	ND ND	NS	ND	8,100	ND	ND	NS
		06-Oct-04	(19)	ND	ND	ND	ND	4,000	ND	ND	1,000
LF08-MW05B		31-May-91	4 J	ND	ND	ND	21 J	ND	2 J	ND	160
		09-Sep-91	4 J	ND	3 J	ND	2 J	3,690	1 J	ND	NS
		27-Jan-92	3 J	(1 J)	ND	NS	8 J	ND	ND	ND	NS
	1	02-Nov-00	ND	ND	ND	ND	ND	1,700	ND	ND	ND
		23-Apr-01	ND	ND	ND	NS	ND	1,500	ND	ND	NS
	Duplicate	23-Apr-01	ND	ND	ND	NS	ND	1,700	ND	ND	NS
	1	02-Oct-01	ND	ND	ND	11	ND	2,000	ND	ND	300
	Duplicate	02-Oct-01	ND	ND	ND	12	ND	2,100	ND	ND	300
		29-Apr-02	ND	ND	ND	NS	ND	1,500	ND	ND	NS
	Duplicate	29-Apr-02	ND	ND	ND	NS	ND	1,600	ND	ND	NS
		03-Oct-02	ND	ND	ND	ND	ND	1,600	ND	ND	400 300
	Duplicate	03-Oct-02 11-Apr-03	ND ND	ND ND	ND ND	ND NS	ND ND	1,600 2,100	ND ND	NÐ ND	NS
		09-Oct-03	ND	ND ND	ND	ND	ND	2,100	ND	ND	300
	Duplicate	09-Oct-03	ND	ND	ND	ND	ND	2,200	ND	ND	400
	Duplicate	28-Apr-04	ND	ND	ND	NS	ND	2,100	ND	ND	NS
		05-Oct-04	ND	ND	ND	ND	ND	2,200	ND	ND	300
	Duplicate	05-Oct-04	ND	ND	ND	ND	ND	2,200	ND	ND	300
LF08-MW08A		15-May-91	7 J	ND	ND	ND	ND	554	ND	14 J	730
		10-Sep-91	(11)	(3 J)	ND	ND	ND	26,000	1 J	ND	NS
		01-Feb-92	(10 J)	ND	ND	ND	ND	731 J	ND	ND	NS
		24-Oct-00	(130)	ND	ND	ND	ND	9,300	ND	ND	900
		02-Oct-01	(100)	ND	ND	ND	ND	7,100	ND	ND	600
		08-Oct-02	(37)	ND	ND	ND	ND	2,400	ND	ND	700
	D.,	13-Oct-03	ND (12)	ND ND	ND	ND	ND ND	750	ND ND	ND ND	800 900
	Duplicate	13-Oct-03 05-Oct-04	(12) (25)	ND ND	ND ND	ND ND	ND ND	1,100 1,700	ND ND	ND ND	900
LF08-MW08B		15-May-91	(5.2 J)	ND	ND	ND	ND	391	ND	13.4 J	660
L. 30-1917100D	ŀ	24-Oct-00	(14)	ND	ND	ND	ND	1,600	ND	ND	800
	Duplicate	24-Oct-00	(17)	ND	ND	ND	ND	1,800	ND	ND	700
	_ upinoate	24-Apr-01	(33)	ND	ND	NS	ND	4,100	ND	ND	NS
	1	09-Oct-01	(20)	ND	ND	ND	ND	1,900	ND	ND	700
	ł	29-Apr-02	(31)	ND	ND	NS	ND	3,700	ND	ND	NS
	ł	08-Oct-02	ND	ND	ND	ND	ND	640	ND	ND	700
		08-Apr-03	(26)	ND	ND	NS	ND	2,300	ND	ND	NS
	1	09-Oct-03	(41)	ND	ND	18	ND	2,700	ND	ND	800
	1	14-Apr-04 05-Oct-04	(20) ND	ND ND	ND ND	NS ND	ND ND	1,600 510	ND ND	ND ND	NS 900
	İ										
LF08-MW08C		15-May-91 16-May-91	ND 4 J	ND ND	ND ND	ND ND	17 J 67	ND 7,170	2 J ND	8 J ND	NS 100
		16-Jan-92	3 J	ND ND	ND	ND	ND	ND	2 J	14 J	NS
	ļ	24-Oct-00	ND	ND	ND	ND	ND	830	ND	ND	ND
		02-Oct-01	ND	ND	ND	14	ND	4,100	ND	ND	ND
	ŀ	08-Oct-02	ND	ND	ND	ND	ND	6,000	3.6	ND	200
	ļ	16-Oct-03	ND	ND	ND	ND	ND	4,200	ND	ND	ND
	I	05-Oct-04	ND	ND	ND	ND	ND	690	ND	ND	200

### Table 2-7 Landfill 8 Groundwater Analytical Results Summary - Inorganics Wright-Patterson AFB, Ohio Page 2 of 4

LOCATION	DATE	ARSENIC	BERYLLIUM	CADMIUM	CYANIDE	COPPER	IRON	LEAD	ZINC	AMMONIA
Units		μg/L	μg/L	μg/L	μ <b>g/L</b>	μ <b>g/</b> L	μg/L	μ <b>g/L</b>	μ <b>g/</b> L	μg/L
Compliance Level - ROD Compliance Level - MCL		11 50	0.02 4	NCL 5	NCL 200	NCL 1,300	NCL NCL	NCL 15	NCL NCL	NCL NCL
LF08-MW09A	01-Oct-96	ND	ND	ND	ND	ND	418	ND	ND	NS
	01-Nov-97	ND	ND	ND ND	ND ND	20 ND	18,000	6.0	30	NS coo
	22-Oct-98	ND	ND ND	ND ND	ND ND	ND	ND ND	ND	ND	500
	12-Oct-99	ND	ND ND	ND ND	ND ND		ND 170	ND	ND	400
	23-Oct-00	ND ND	ND	ND ND	NS NS	ND ND	ND	ND	ND	500
	24-Apr-01 08-Oct-01	ND ND	ND	ND ND	ND ND	ND ND	160	ND	ND	NS FOO
		ND ND	ND ND	ND	NS NS	ND	190	ND	ND	500
	29-Apr-02 14-Oct-02	ND ND	ND ND	ND	ND ND	36	410	ND ND	ND	NS 400
	08-Apr-03	ND	ND ND	ND	NS	ND	3,000	ND	ND ND	NS
	14-Oct-03	ND	ND ND	ND	13	ND	900	ND	ND	500
	14-Apr-04	ND	ND	ND	NS	ND	ND	ND	ND	NS
	18-Oct-04	ND	ND	ND ND	ND	ND	ND	ND	ND	500
F08-MW09B	01-Oct-96	ND	ND	ND	ND	ND	3,520	7.0	ND	NS
LI OCMITIOSO	01-Oct-96 01-Nov-97	ND ND	ND ND	ND ND	ND ND	10	12,000	7.0 4.0	50	NS NS
	22-Oct-98	ND	ND ND	ND	ND	ND	270	ND	DO ND	ND ND
	12-Oct-99	ND	ND ND	ND	ND	ND	180	ND	ND	400
	23-Oct-00	ND	ND ND	ND	ND	ND	ND	ND ND	ND	ND
	08-Oct-01	ND	ND ND	ND	ND	ND	ND	ND	ND	ND
	14-Oct-02	ND	ND ND	ND	ND	ND	160	ND	ND	ND
	14-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND
	18-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND
LF08-MW10A	01-Oct-96	ND	ND	0.3	ND	ND	4,610	8.0	ND	NS
LI CO-INITION	01-Nov-97	(30)	ND	ND	ND	ND	6,700	ND	ND	NS
	19-Oct-98	(25)	ND	ND	ND	ND	2,300	ND	ND	2,500
	12-Oct-99	(29)	ND	ND	ND	ND	2,500	ND	ND	2,200
	25-Oct-00	(34)	ND	ND	ND	ND	2,400	ND	ND	2,600
	03-Oct-01	(37)	ND	ND	14	ND	2,700	ND	ND	2,500
	14-Oct-02	(36)	ND	ND	ND	ND	2,400	ND	ND	2,300
	06-Oct-03	(40)	ND	ND	ND	ND	2,700	ND	ND	2,100
	20-Oct-04	(36)	ND	ND	ND	ND	2,200	ND	ND	2,800
LF08-MW10B	01-Oct-96	ND	ND	ND	ND	ND	1,670	ND	ND	NS
E. 55 MIN 102	01-Nov-97	ND	ND	ND	ND	ND	1,400	ND	ND	NS
	19-Oct-98	ND	ND	ND	ND	ND	1,600	ND	ND	ND
	18-Oct-99	ND	ND	ND	ND	ND	1,400	ND	ND	ND
	25-Oct-00	ND	ND	ND	ND	ND	1,500	ND	ND	ND
	24-Apr-01	ND	ND	ND	NS	ND	1,400	ND	ND	NS
	03-Oct-01	ND	ND	ND	14	ND	1,500	ND	ND	500
	29-Apr-02	ND	ND	ND	NS	ND	1,200	ND	ND	NS
	14-Oct-02	ND	ND	ND	ND	ND	1,100	ND	ND	ND
	15-Apr-03	ND	ND	ND	NS	ND	540	ND	ND	NS
	06-Oct-03	ND	ND	ND	ND	ND	770	ND	ND	ND
	19-Apr-04	ND	ND	ND	NS	ND	270	ND	ND	NS
	12-Oct-04	ND	ND	ND	ND	ND	850	ND	ND	ND
.F08-MW10C	01-Oct-96	(128)	(1.0)	1.1	ND	82	75,900	(24)	288	NS
) 00-1414 10C	01-001-90 01-Nov-97	(770)	ND	ND	ND	270	370,000	(80)	5 <b>9</b> 0	NS
	29-Oct-98	(110)	ND ND	ND	ND	67	53,000	(19)	230	ND
	20-Oct-99	(110)	ND	ND	ND	ND	6,200	ND	ND	ND
	25-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	03-Oct-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	11-Oct-02	(42)	ND	ND	ND	ND	17,600	6.0	97	ND
	06-Oct-03	(42) ND	ND ND	ND ND	ND ND	ND DN	950	ND	ND	ND ND
	20-Oct-04	ND	ND	ND	ND	ND	550	ND	ND	ND
E00 B44444	1									000
F08-MW11A	08-Oct-02	ND	ND ND	ND	ND	ND ND	470	ND	ND	600
	09-Oct-03 13-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	360 460	ND ND	ND ND	800 800
	l 1									
F08-MW11B	24-Apr-01	ND	ND	ND ND	NS ND	ND ND	1,300	ND	ND 250	NS 300
	09-Oct-01	ND	ND	ND	ND	ND	4,600	ND	250	300
	01-May-02	ND	ND	ND	NS	ND	3,800	ND	ND	NS 100
	07-Oct-02	ND	ND	ND	ND	ND	6,200	ND	ND	400
Duplicate		ND	ND	ND	ND	ND	6,700	ND	ND	400
20,000					NIC.	MIC)	F 400	ND		NIE.
204.02.0	11-Apr-03	ND	ND	ND	NS	ND	5,400	ND	ND	NS
<b>DGF</b> .10210	11-Apr-03 08-Oct-03 21-Apr-04	ND ND	ND ND	ND ND	ND NS	ND ND	3,900 6,000	ND ND	ND ND	200 NS

### Table 2-7 Landfill 8 Groundwater Analytical Results Summary - Inorganics Wright-Patterson AFB, Ohio Page 3 of 4

LOCATION	DATE	ARSENIC	BERYLLIUM	CADMIUM	CYANIDE	COPPER	IRON	LEAD	ZINC	AMMONIA
Units		μ <b>g/</b> L	μ <b>g/L</b>	μ <b>g/</b> L	μg/L	μg/L	μg/L	μ <b>g/L</b>	μg/L	μg/L
Compliance Level - ROD Compliance Level - MCL	1	11 50	0.02 <b>4</b>	NCL 5	NCL 200	NCL 1,300	NCL NCL	NCL 15	NCL NCL	NCL NCL
COMPILATOR LEVEL - MICE	1		<u> </u>	<u></u>	200	1,300	HOL.		IIOL	NOE
LF08-MW11C	09-Oct-02	ND	ND	ND	ND	ND	660	ND	ND	ND
	09-Oct-03	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	13-Oct-04	ND	ND	ND	ND	ND	ND	ND	NU	NO
LF08-MW101	01-Oct-96	ND	ND	0.4	ND	ND	6,210	(17)	62	NS
	01-Nov-97	ND	(7.0)	ND	ND DDV	ND	54,000	ND	180	NS
	01-Jun-98 01-Sep-98	DRY DRY	DRY DRY	DRY DRY	DRY DRY	DRY DRY	DRY DRY	DRY DRY	DRY DRY	NS NS
	22-Oct-98	10	ND	ND	ND	26	15,200	(26)	100	1,400
	20-Oct-99	(15)	ND	ND	ND	ND	24,200	(26)	84	1,200
	24-Oct-00	ND	ND	ND	ND	ND	6,800	8.3	450	600
	24-Apr-01	ND ND	ND	ND	NS 10	ND	3,400	ND 7.4	ND 450	NS 300
	01-Oct-01 29-Apr-02	ND ND	ND ND	ND ND	NS	28 ND	8,000 1,600	ND	190	NS
	07-Oct-02	ND	ND	ND	ND	ND	930	ND	510	300
	11-Apr-03	ND	ND	ND	NS	ND	2,500	ND	720	NS
	01-Oct-03	ND	ND	ND	ND	ND	1,400	ND	92	1,100
	14-Apr-04 04-Oct-04	ND ND	ND ND	ND ND	NS ND	ND ND	1,000 1,700	ND ND	290 150	NS 700
	04-001-04	NU	140	ND	NO	ND	1,700	NU	150	700
LF08-MW102	01-Oct-96	(61)	(3.0)	(2.0)	ND	164	115,000	(86)	396	NS
	01-Nov-97	(40)	ND	ND	ND	30	30,000	(17)	90	NS
	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	NS
	01-Sep-98 22-Oct-98	DRY (11)	DRY ND	DRY ND	DRY ND	DRY ND	DRY 6,200	DRY ND	DRY ND	NS 700
	19-Oct-99	10	ND	ND	ND	ND	2,100	ND	69	ND
	24-Apr-01	ND	ND	ND	NS	ND	200	ND	61	NS
	01-Oct-01	ND	ND	ND	21	ND	750	ND	110	400
	29-Apr-02	ND	ND	ND ND	NS ND	ND	340 ND	ND ND	73 77	NS 200
	07-Oct-02 10-Apr-03	ND ND	ND ND	ND ND	NS NS	ND ND	ND	ND ND	ND	200 NS
	30-Sep-03	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14-Apr-04	ND	ND	ND	NS	ND	170	ND	ND	NS
	06-Oct-04	ND	ND	ND	ND	ND	1,000	ND	ND	400
LF08-MW103	01-Oct-96	ND	(1.0)	3.0	ND	106	56,200	(49)	258	NS
2. 00	01-Nov-97	(50)	ND	ND	ND	50	44,000	(21)	120	NS
	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	NS
	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	NS
	26-Oct-98 19-Oct-99	(13) ND	ND ND	ND ND	ND ND	ND ND	9,000 2,100	5.1 ND	70 ND	2,500 500
	24-Oct-00	ND	ND	ND	ND	ND	1,100	ND	190	500
	24-Apr-01	ND	ND	ND	NS	ND	730	ND	88	NS
	01-Oct-01	ND	ND	ND	15	ND	1,500	ND	170	400
	29-Apr-02	ND	ND	ND ND	NS ND	ND ND	870 290	ND ND	390 120	NS 300
	07-Oct-02 10-Apr-03	ND ND	ND ND	ND ND	NS	ND	320	ND	ND	NS NS
	30-Sep-03	ND	ND	ND	ND	ND	370	ND	100	200
	14-Apr-04	ND	ND	ND	NS	ND	1,200	ND	95	NS
	06-Oct-04	ND	ND	ND	ND	ND	2,200	ND	140	700
02-DM-81S-M	15-May-91	(12)	ND	ND	ND	ND	563	2 J	13 J	280
OZ-DIN OTO III	16-Sep-91	(12)	ND	ND	ND	ND	1,030	5 J	ND	NS
	28-Jan-92	(18)	ND	ND	ND	3 J	1340 J	2 J	ND	NS
	27-Oct-00	ND	ND	ND	NS	ND	ND	ND	ND	300
	02-Oct-01	ND	ND ND	ND	13 ND	ND	ND ND	ND	ND ND	300 500
	03-Oct-02   09-Oct-03	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND
	05-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	500
	ll									
02-DM-81D-M	15-May-91	5 J	ND ND	2 J	NS NS	ND	2,150 5,330	2 J	19 J ND	200 NS
	16-Sep-91 28-Jan-92	(22) (18)	ND ND	ND ND	NS NS	ND 5 J	5,330 3,670 J	5 J 2 J	ND ND	NS NS
	30-Oct-00	(24)	ND	ND	ND	ND	4,700	ND	ND	300
	23-Apr-01	(16)	ND	ND	NS	ND	3,500	ND	ND	NS
	02-Oct-01	(14)	ND	ND	11	ND	3,100	ND	ND	300
	29-Apr-02 03-Oct-02	(13)	ND ND	ND	NS ND	ND ND	3,300 3,200	ND ND	ND ND	NS 500
	22-Apr-03	(15) (18)	ND ND	ND ND	ND NS	ND ND	3,200 3,600	ND ND	ND	NS
	13-Oct-03	(17)	ND	ND	ND	ND	3,800	ND	ND	200
	23-Apr-04	(20)	ND	ND	NS	ND	3,700	ND	ND	NS
	05-Oct-04	(18)	ND	ND	ND	ND	3,200	ND	ND	400

### Table 2-7 Landfill 8 Groundwater Analytical Results Summary - Inorganics Wright-Patterson AFB, Ohio Page 4 of 4

Units   µg/L   µ	LOCATION	DATE	ARSENIC	BERYLLIUM	CADMIUM	CYANIDE	COPPER	IRON	LEAD	ZINC	AMMONIA
Compliance Levial -MCL	Units		μ <b>g/L</b>	μ <b>g/L</b>	μ <b>9/</b> L	μ <b>g/L</b>	μg/L	μ <b>g/</b> L	μ <b>g/</b> L	μ <b>9/</b> L	μ <b>g/</b> L
02-DM-82-M  13-May-91  1(12.4)  (18.8)  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	Compliance Level - ROD		11	0.02	NCL	NCL	NCL	NCL	NCL	NCL	NCL
17-Sep-91	Compliance Level - MCL		50	4	5	200	1,300	NCL	15	NCL	NCL
17-Sep-91	02 DM 92 M	13 May 01	/12 1	(0 e l)	MD	NO	0.1	3 500	2 1	ND	een
01-Feb-92   (18)	02-DM-02-M		,								
30-Oct-00											
23-Apr-01											
04-0ct-01			_				-		_	_	
30-Agr-02   ND ND ND ND ND ND ND ND ND ND ND ND ND											
01-0-ct-02											
21-Apr-0-3 ND ND ND ND NS ND ND ND ND NS ND ND ND NS ND ND ND SO ND ND ND ND ND ND ND ND ND ND ND ND ND					_						
09-Oct-03											
28-Apr-04   ND ND ND ND ND ND ND ND ND ND ND ND ND											
05-Oct-04 ND ND ND ND ND ND ND ND ND ND ND ND ND											
02-DM-83S-M  13-May-91							_				
11-Sep-91 (34) (2J) 3J ND 147 79,900 (44 J) 314 NS 17-Jan-92 (18 J) ND ND ND NS 47 2,640 6 J 20J NS 31-Oct-00 ND ND ND ND ND ND ND ND ND ND ND ND ND		05-Oct-04	ND	ND	ND	ND	ND	190	ΝĎ	ND	400
17-Jain-92 (18.J) ND ND NS 47 2,640 6 J 20 J NS 31-Oct-00	02-DM-83S-M	13-May-91	L8	ND	2 J	67	26 J	4,180	1 J	19 J	ND
17-Jain-92 (18.J) ND ND NS 47 2,640 6 J 20 J NS 31-Oct-00			(34)	(2 J)		ND	147	79.900	(44 J)	314	NS
31-Oct-00					ND		47			20 J	
25-Apr-01						_	ND				
05-Oct-01 ND ND ND ND ND ND ND ND ND ND ND ND ND											
29-Apr-02											
10-Oct-02   ND ND ND ND ND ND ND ND ND ND ND ND ND											
22-Apr-03											
08-Oct-03							_		_		
23-Apr-04   ND   ND   ND   NS   ND   ND   ND   ND											
20-Oct-04   ND   ND   ND   ND   ND   ND   ND   N											
16-Sep-91   2 J ND ND ND ND ND 1,140   1 J ND NS NS NS NS NS NS NS NS NS NS NS NS NS							ND				
16-Sep-91   2 J ND ND ND ND ND 1,140   1 J ND NS NS NS ND 169 J ND ND ND NS NS ND 169 J ND ND ND NS NS ND 169 J ND ND ND ND ND ND ND ND ND ND ND ND ND	02 DM 92D M	13 May 01	4.1	AID.	ND	9.1	NO	3.060	0.1	ND	ND
Duplicate   02-Feb-92   3 J ND ND ND NS ND 169 J ND ND ND ND ND ND ND ND ND ND ND ND ND	02-DM-03D-M										
ND   ND   ND   ND   ND   ND   ND   ND											
Duplicate   31-Oct-00											
02-Oct-01 ND ND ND ND ND ND ND ND ND ND ND ND ND	Durlingto										
10-Oct-02	Lupicate			_	_	_					
08-Oct-03											
20-Oct-04   ND   ND   ND   ND   ND   ND   ND   N											
02-DM-84-M											
16-Sep-91		20-Oct-04	NU	ND	NU	NU	ND	ND	ND	ND	ND
01-Feb-92 (59 J) ND ND NS 4 J 25,800 ND ND ND NS 275 9,700 (16) 110 NS  01-Feb-92 (59 J) ND ND ND NS 4 J 25,800 ND ND ND ND ND ND ND ND ND ND ND ND ND	02-DM-84-M										
27-Oct-00 (46) ND ND ND ND 21,500 ND ND 400 02-Oct-01 (44) ND ND ND ND ND ND 19,800 ND ND ND 400 16-Oct-02 (61) ND ND ND ND ND ND 26,500 ND ND ND 200 01-Oct-03 (55) ND ND ND ND ND ND 26,400 ND ND ND 400 18-Oct-04 (52) ND ND ND ND ND ND 21,500 ND ND ND 500 Duplicate 18-Oct-04 (53) ND ND ND ND ND ND ND ND ND ND ND ND ND			(90)		(5 J)						
02-Oct-01		01-Feb-92	(59 J)	ND	ND	NS	4 J	25,800	ND	ND	NS
16-Oct-02			(46)	ND	ND	ND			ND	ND	
01-Oct-03   (55) ND ND ND ND 26,400 ND ND 400	}	02-Oct-01	(44)	ND	ND	ND	ND	19,800	ND	ND	400
18-Oct-04   (52) ND ND ND ND 21,500 ND ND 500		16-Oct-02	(61)	ND	ND	ND	ND	26,500	ND	ND	200
18-Oct-04   (52) ND ND ND ND 21,500 ND ND 500	i	01-Oct-03	(55)	ND	ND	ND	ND	26,400	ND	ND	400
Duplicate 18-Oct-04 (53) ND ND ND ND 22,200 ND ND 700  LF8/10-EFF 28-Jul-04 ND ND ND NS 75 9,700 (16) 110 NS	i			ND	ND	ND	ND	21,500	ND	ND	500
	Duplicate						_				
	ERIAN EEE	28- hil A4	ND	ND	ND	NC	75	9.700	(16)	110	NS
EDITORIES 123 CM DATE NO NO NO NO NO NO NO	LF8/10-EFF	21-Oct-04	ND ND	ND ND	ND ND	NS NS	80	2,900	5.1	96	NS NS

ROD - Record of Decision

MCL - Maximum Contaminant Level
NCL - No Compliance Level set for these chemicals.

B - Method blank contamination.

J - Estimated result, result less than reporting limit

() - Concentration exceeds a compliance level.

μg/L - micrograms per liter NS - Not Sampled ND - Not Detected

### Table 2-8 Landfill 10 Groundwater Analytical Results Summary - VOCs Wright-Patterson AFB, Ohio Page 1 of 5

	ATION nits	SAMPLE DATE	BENZENE µg/L	ETHYLBENZENE μg/L	TOLUENE μg/L	TOTAL XYLENES HQ/L	CHŁOROFORM μg/L	TRANS-1,2-DCE μg/L	METHYLENE CHLORIDE µg/L	MTBE μg/L	TCE μg/L	VINYL CHLORIDE µg/L
Compliance	Level - ROD e Level - MCL		0.62	NCL 700	NCL 1000	NCL 10000	0.28 NCL	100	6.22 NCL	NCL NCL	3.03	0.0283
LF10-MW034	^	23-May-91	ND ND	ND ND	ND	ND ND	(13 J)	ND	ND ND	NS NS	ND ND	ND ND
Ī		19-Jan-92 26-Oct-00	0.36 J,B	ND ND	ND 0.14 J	ND	ND ND	ND ND	0.30 J,B	ND ND	ND	ND
		26-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		05-Oct-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		30-Apr-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		11-Oct-02	ND	ND	ND	ND	ND	ND	NO	ND	ND	ND
i		08-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		16-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		29-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		13-Oct-04	0.37 J	ND	ND	0.49 J	ND	ND	ND	ND	ND	ND
LF10-MW058	3	01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
		01-Nov-97	ND	ND	ND	ND	ND	ND	(25)	NS	ND	ND
		23-Oct-98	ND	ND	ND	0.64 J	ND	ND	1.2	NS	0.29 J	ND
	Duplicate	23-Oct-98 12-Oct-99	ND ND	ND	ND	ND	ND	ND	1.8	NS	ND ND	ND ND
		25-Oct-00	ND ND	ND ND	ND	ND ND	ND ND	ND ND	<b>N</b> D 0.26 J	NS ND	ND	ND
	1	23-Apr-01	ND ND	ND ND	ND ND	ND DND	ND ND	ND ND	0.36 J.B	ND	ND	ND
1	1	03-Oct-01	ND	ND ND	ND ND	ND	ND ND	ND ND	0.30 J.B ND	ND	ND	ND ND
1	Duplicate	03-Oct-01	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND
1		30-Apr-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
l	ļ	02-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
l	Duplicate	02-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
l		21-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1	Duplicate	21-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		30-Sep-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate	30-Sep-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		23-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate	23-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate	04-Oct-04 04-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
LF10-MW05C		01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
LI 10-MIVIOSC	1	01-Nov-97	ND	ND	ND	ND	ND	ND	4.2	NS	ND	ND
	i	30-Oct-98	ND	ND	ND	ND	ND	ND	2.3	NS	ND	ND
	1	14-Oct-99	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
		25-Oct-00	ND	ND	ND	ND	ND	ND	0 32 J	ND	ND	ND
İ		23-Apr-01	ND	ND	ND	ND	ND	ND	0.36 J,B	ND	ND	ND
		03-Oct-01	ND	ND	0.19 J	ND	ND	ND	ND	ND	ND	ND
		02-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		30-Sep-03 06-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
LEAD MAING A		10 May 01	ND				MD	ND	-2.1	NC	ND	ND
LF10-MW06A	١ ١	19-May-91	ND ND	ND ND	ND	ΝĐ	ND ND	ND ND	<2 J ND	NS NS	ND ND	ND ND
	į	28-Aug-91 30-Jan-92	ND ND	ND	ND ND	ND ND	ND	ND ND	ND ND	NS NS	ND	ND ND
	i	01-Oct-96	ND	ND	ND	ND ND	ND	ND	ND	NS	ND	ND
	ì	01-Nov-97	(2.0)	ND	3 2	ND	ND	ND	(11)	NS	ND	ND
	ı	27-Oct-98	0.55	ND	0.74	ND	ND	ND	ND	NS	ND	ND
	l	12-Oct-99	0.42 J	ND	0.32 J	ND	ND	ND	ND	NS	ND	ND
	ļ	25-Oct-00	ND	ND	0.21 J	ND	ND	ND	0.24 J	ND	ND	ND
	ŀ	25-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	l	08-Oct-01	ND	ND	0.38 J	ND	ND	ND	ND	ND	ND	ND
	I	30-Apr-02	ND	ND	ND .	ND	ND	ND	ND	NĐ	ND	ND
	l	10-Oct-02	ND ND	ND	0.46 J	ND	ND ND	ND ND	ND ND	ND	ND ND	ND
	ļ	08-Apr-03 13-Oct-03	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND
	j	22-Apr-04	ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND	ND	ND ND
	i	11-Oct-04	ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND
LF10-MW06A	OUP*	19-May-91	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
		25-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	J	09-Oct-01	ND	ND	0.30 J	ND	ND	ND	ND	ND	ND	ND
	J	10-Oct-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	J	13-Oct-03	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	ļ	12-Oct-04	ND	ND	ND	0.98 JB	ND	ND	ND	ND	ND	ND
LF10-MW06B	, [	30-May-91	ND	ND	ND	ND	ND	<1 J	ND	NS	ND	ND
	1	01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	}	01-Nov-97	ND	ND	ND	ND	ND	ND	3.8	NS	ND	ND
		26-Oct-98	ND	ND	ND	ND	ND	ND	0.73	NS NS	1.2	(4.2)
	J	12-Oct-99	ND	ND	ND	ND	ND	ND ND	ND 0.28 I	NS	ND	ND
	1	25-Oct-00	ND	ND ND	ND	ND	ND	ND ND	0.28 J	ND	ND	ND
	- 1	25-Apr-01 08-Oct-01	ND ND	ND ND	ND 0.25 I	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
l	i	10-Oct-02	ND ND	ND ND	0.25 J ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND
		13-Oct-02	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND
		11-Oct-04	ND	ND	ND	ND	ND	ND ND	ND ND	ND	ND	ND

### Table 2-8 Landfill 10 Groundwater Analytical Results Summary - VOCs Wright-Patterson AFB, Ohio Page 2 of 5

WPAFE
Fina
LTM Report October 2000
Chapter ;
September 2, 200.

Completion Lawer   7000	LOCATE Units		SAMPLE DATE	BENZENE µg/L	ETHYLBENZENE μg/L	TOLUENE μg/L	TOTAL XYLENES μg/L	CHLOROFORM µg/L	TRANS-1,2-DCE	METHYLENE CHLORIDE µg/L	MTBE μg/L	TCE μg/L	VINYL CHLORIDE µg/L
LF10-MM07A	Compliance Le	vei - ROD		0.62	NCL	NCL	NCL	0.28	100	6.22	NCL	3.03	0.0283
28-mg   31	Compliance Lo	evel - MCL		5	700	1000	10000	NCL	100	NCL	NCL	5	2
28-mg   31	LF10-MW07A		21-May-91	l <sub>ND</sub>	ND	ND	ND	ND	ND	ND	NS	ND	ND
Deptate   Company   Comp				ND		ND	ND						ND
Depletate   20-00-00   221-JB   ND   ND   ND   ND   ND   ND   ND   N	Į												ND
Page   Page		D Canta											ND
Deplicate   2-40-01   NO NO NO NO NO NO NO NO NO NO NO NO NO		Duplicate											ND ND
Depletate   1,000		Duplicate											ND
Depictor   Depictor		- Сармовко											ND
Dupician   304-922   ND ND ND ND ND ND ND ND ND ND ND ND ND		Duplicate						ND					ND
Dipplecate   0.50-0.012   NID NO NO NO NO NO NO NO NO NO NO NO NO NO													ND
Duplicate   Dupl		Duplicate											ND
Depicals   Depical   Dep		Dunkasta											ND
Dopicate   1-4-9-03   NO NO NO NO NO NO NO NO NO NO NO NO NO		Dupicate											ND ND
Bookers   Bischers		Duolicate											ND
Depictate   80-0x4-03   ND   ND   ND   ND   ND   ND   ND   N		Сорнова											ND
Deplicate   23-Apr-04   ND		Duplicate											ND
1-0-0-04   ND   ND   ND   ND   ND   ND   ND   N			23-Apr-04	ND	ND				ND	ND	ND	ND	ND
Duplicate   11-0c-04		Duplicate											ND
F10-MMV07B		Dualis - 1											ND
26-0-10		Duplicate	11-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26-0-61-00   ORY	LF10-MW07R		17-Mav-91	ND	NΠ	ND	ND	ND	ND	<2.1	NS	NΩ	ND
													DRY
08-Oct-30   DRY						DRY		DRY		DRY			DRY
LE10-MMV0PC			04-Oct-02										DRY
LF10-MMY07C													DRY
27-Aug-91   (2, J)   ND   ND   ND   ND   ND   ND   ND   N			20-Oct-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
27-Aug-91   (2, J)   ND   ND   ND   ND   ND   ND   ND   N	LE10-MW07C	į	17.44291	(3)	ND	ND	ND	ND	ND	<2 l	NS	NΟ	ND
27-Jan-92	Li 10-M107C												ND
26-Oct-00													ND
Duplicate   23-Apr-01   ND							ND	ND		0.36 J,B	ND	ND	ND
04-Cbt-01   0.27 J ND													ND
04-Cd-102   ND		Duplicate											ND
09-Oct-03													ND
11-Oct-04													ND ND
LE10-MW08A-2    O1-Oct-96   ND ND ND ND ND ND ND ND ND ND ND ND ND													ND .
01-Nov-97   ND ND ND ND ND ND ND ND ND ND ND ND NS ND O-04-7 J NS ND ND ND ND ND ND ND ND ND ND ND ND ND			11-001-04	140	110	0.210	110	***	140	ND	140	110	110
20-0ct-98   ND   ND   ND   ND   ND   ND   ND   N	LF10-MW08A-2		01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
13-Oct-99													ND
Duplicate   13-Oct-99		- 1											ND
18-Oct-00		D											ND
Duplicate   25-Apr-01		Duplicate											ND ND
Duplicate   25-Åpr-0-1													ND ND
04-0c1-01		Duplicate											ND
01-May-02   ND ND ND ND ND ND ND ND ND ND ND ND ND		.,											ND
16-Oct-02								ND					ND
06-Oct-03			16-Oct-02										ND
19-Apr-04													ND
13-Oct-04   ND   ND   ND   ND   ND   ND   ND   N													ND
LF10-MW08B  01-Oct-96 ND ND ND ND ND ND ND ND ND NS ND Ox-07 ND ND ND ND ND ND ND ND ND ND ND ND ND													ND ND
Duplicate   Puplicate   Pupl			.5-56(-64	140	110	140	,40	110	,,,,,	140	140	140	,40
Duplicate   Puplicate   Pupl	LF10-MW08B	ì	01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
29-Oct-98													ND
13-Oct-99		Į		ND	ND	ND	ND	ND	ND	0.41 J	NS	ND	ND
26-Oct-00		Duplicate											ND
08-Oct-01		ĺ											DRY
14-Oct-02													ND
09-Oct-03		ì											DN DN
18-Oct-04													ND ND
LF10-MW09A 01-Oct-96 ND ND ND ND ND ND ND ND ND NS ND 01-Nov-97 ND ND ND ND ND ND ND ND S.4 NS ND 01-Nov-98 ND ND ND ND ND ND ND ND ND ND ND NS ND 18-Oct-99 ND ND ND ND ND ND ND ND ND ND ND ND ND		l											ND
01-Nov-97					· · <del>-</del>	-	-	-	-	_	-	-	- ]
01-Nov-98 ND ND ND ND ND ND ND NS ND 18-Oct-99 ND ND ND ND ND ND ND ND ND ND ND ND ND	LF10- <b>MW</b> 09A		01-Oct-96	ND									ND
18-Oct-99					ND				ND				ND
30-Oct-00   ND ND ND ND ND ND ND ND ND ND ND ND ND		1											ND
03-Oct-01 ND ND 033 J ND ND ND ND ND ND ND ND ND ND ND ND ND		J											ND
07-Oct-02 ND ND ND ND ND ND ND ND ND ND ND		ı											ND
		l											ND
		l				ND ND	ND ND	ND ND					ND ND
11-Oct-04 ND ND ND ND ND ND ND ND ND ND ND		- 1	30-Sep-03	ND ND	ND ND				ND ND	ND ND	ND ND	ND ND	ND ND

### Table 2-8 Landfill 10 Groundwater Analytical Results Summary - VOCs Wright-Patterson AFB, Ohio Page 3 of 5

LOCAT Unit		SAMPLE DATE	BENZENE µg/L	ETHYLBENZENE µg/L	TOLUENE μg/L	TOTAL XYLENES µg/L	CHLOROFORM µg/L	TRANS-1,2-DCE μg/L	METHYLENE CHLORIDE µg/L	MTBE μg/L	TCE μg/L	VINYL CHLORIDE µg/L
Compliance L			0.62	NCL NCL	NCL.	NCL	0.28	100	6.22	NCL	3.03	0.0283
Compliance I			5	700	1000	10000	NCL	100	NCL	NCL	5	2
LF10-MW09B		01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
		01-Nov-97	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
		19-Oct-98	(1.0)	ND	ND	ND	ND	ND	0.41 J	NS	ND	ND
		18-Oct-99	(1.2)	ND	ND	ND	ND	ND	ND	NS	ND	(0.45 J)
1		26-Oct-00	(1.4 B)	ND	0.25 J	ND	ND	ND	0.29 J,B	ND	ND	(0.46 J)
Į.		25-Apr-01	ND	ND	0.33 J	0.56 J	ND	ND	ND	ND	ND	ND
	Duplicate	25-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ļ		03-Oct-01	(1.1)	ND	ND	ND	ND	ND	ND	ND	ND	(0.25 J)
]		07-Oct-02	(1.0)	ND	ND	ND	ND	ND ND	ND	ND	ND	ND
ľ		30-Sep-03	(0.98 J) 0.39 J	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND (0.37.4)
1	l	11-Oct-04	0.39 J	ND	ND	ND	NU	NU	ND	NU	ND	(0.27 J)
LF10-MW09C		01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
L. 10 III/1000		01-Nov-97	(2.9)	ND	ND	ND	ND	ND	ND	NS	ND	ND
		29-Oct-98	(3.2)	ND	ND	ND	ND	ND	0.28 J	NS	ND	ND
		18-Oct-99	(3.0)	ND	ND	ND	ND	ND	ND	NS	ND	ND
		30-Oct-00	(3.8)	ND	0.47 J	ND	ND	ND	0.34 J,B	ND	ND	ND
i		25-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1		25-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1		03-Oct-01	0.60 J	ND	0.23 J	ND	ND	ND	ND	ND	0.20 J	ND
ì	i	01-May-02	ND	ND	ND	ND	ND	ND	ND	ND	0.21 J	ND
	Duplicate	01-May-02	ND	ND	ND	ND	ND	ND	ND	ND	0.21 J	ND
i		07-Oct-02	(2.7)	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1	22-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	l	30-Sep-03	ND	ND	ND	ND	ND	ND	ND	ND	0.31 J	ND
l		23-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	0.25 J	ND
1		11-Oct-04	(2.7)	ND	ND	ND	ND	ND	ND	ND	ND	ND
LF10-MW10C		16-May-91	ND	<1 J	<2 J	2.0	ND	ND	<2 J	NS	1.0	ND
		23-Aug-91	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
		30-Jan-92 30-Oct-00	ND ND	ND ND	ND 0.13 J	ND ND	ND ND	ND ND	ND 0.23 J,B	NS ND	ND ND	ND ND
Į		26-Apr-01	ND	ND	ND	ND	ND ND	ND ND	0.23 J,B ND	ND	ND	ND
į		09-Oct-01	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND
		01-May-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
İ		08-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		08-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate	08-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		30-Sep-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ŀ	22-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate	22-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		06-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LF10-MW11A		01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
		01-Nov-97	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
		26-Oct-98	ND	ND	ND	ND	ND	ND	0.74	NS	ND	ND
]	Duplicate	26-Oct-98	ND	ND	ND	ND	ND	ND	0.91	NS	ND	ND
	Dunkt-	14-Oct-99	ND	ND ND	ND NO	ND	ND NO	ND ND	ND 3.3	NS NS	ND ND	ND ND
l .	Duplicate	14-Oct-99 30-Oct-00	ND 0.13 J	ND ND	ND 0.32 J	ND ND	ND ND	ND ND	3.3 0.22 J.B	NS ND	ND	ND ND
1	Duplicate	30-Oct-00	0.13 J 0.14 J	ND ND	0.32 J 0.30 J	ND	ND ND	ND ND	0.26 J.B	ND	ND	ND ND
ŀ	Dup#cate	04-Oct-00	ND	ND ND	0.30 J 0.35 J	ND ND	ND ND	ND ND	0.26 J,B ND	ND	ND	ND
I	Duplicate	04-Oct-01	ND	ND	0.40 J	ND	ND	ND	ND	ND	ND	ND
l	2 uprodite	03-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .
1	Duplicate	03-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
l		14-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
I	Dupiicate	14-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1		11-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1	1											
LF10-MW11B	ŀ	01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
1	ļ	01-Nov-97	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
<b>!</b>	1	26-Oct-98	ND	ND	ND	ND	ND	ND	2.8	NS	ND	ND
l		14-Oct-99	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
l	ļ	30 <b>-</b> Oct-00	0.44 J	ND	1.2	0.69 J	ND	ND	ND	ND	ND	ND
}		26-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1		05-Oct-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1	Duplicate	08-Oct-01	ND	ND	0.20 J	ND	ND	ND	ND	ND	ND	ND
[		03-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1		15-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	I	12-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
				ND	ND	NĐ	ND	ND	ND	ND	ND	ND

### Table 2-8 Landfill 10 Groundwater Analytical Results Summary - VOCs Wright-Patterson AFB, Ohio Page 4 of 5

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LOCATION Units	SAMPLE DATE	BENZENE μg/L	ETHYLBENZENE μg/L	TOLUENE μg/L	TOTAL XYLENES μg/L	CHLOROFORM µg/L	TRANS-1,2-DCE μg/L	METHYLENE CHLORIDE μg/L	<b>ΜΤΒΕ</b> μg/L	TCE μg/L	VINYL CHLORID µg/L
Compliance Level - ROD Compliance Level - MCL		0.62	NCL 700	NCL 1000	NCL 10000	0.28 NCL	100	6.22 NCL	NCL NCL	3.03	0.0283
COMPAGE RESERVE		Ť	100	1000		1102	700	1102	1100		<del></del> -
_F10- <b>MW</b> 102	01-Nov-97	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	01- <b>Jun-</b> 98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	29-Oct-98	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	18-Oct-99	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	25-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	25-Apr-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
1	05-Oct-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	30-Apr-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	08-Oct-02	DRY	DRY	DRY DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	23-Apr-03 09-Oct-03	DRY	DRY DRY	DRY	DRY	DRY	DRY DRY	DRY DRY	DRY	DRY	DRY
	28-Apr-04	DRY DRY	DRY	DRY	DRY DRY	DRY DRY	DRY	DRY	DRY DRY	DRY	DRY DRY
	06-Oct-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY DRY	DRY
F10- <b>MW</b> 103	01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	01-Nov-97	(2.7)	ND	ND	ND	ND	ND	2.5	NS	ND	ND
	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	23-Oct-98	(1.5)	ND	ND	ND	ND	ND	1.5	NS	ND	ND
	19-Oct-99	(0.87)	ND	ND	ND	ND	ND	ND	NS	ND	ND
	26-Oct-00	(2.1)	ND	0.24 J	ND	ND	ND	0.32 J	0.12 J	ND	ND
	25-Apr-01	(1.2)	ND	ND	ND	ND	ND	0.48 J,B	ND	ND	ND
	08-Oct-01	(2.0)	ND	0.40 J	ND	ND	ND	ND	ND	ND	ND
	30-Apr-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	08-Oct-02	0.51 J	ND	ND	ND	ND	ND	ND	ND	ND	ИĎ
	23-Apr-03	0.47 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10-Oct-03	(1.6)	ND	ND	ND	ND	ND	ND	ND	ND	ND
	23-Apr-04 07-Oct-04	(0.88 J) 0.58 J	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
F10-MW104	01-Nov-97	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
.F 10-MVV 104	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	18-Oct-99	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	25-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	25-Apr-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
ľ	05-Oct-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	30-Apr-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	07-Oct-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	17-Apr-03	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	03-Oct-03	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	29-Apr-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	06-Oct-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
F10-MW105	01-Oct-96	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	01-Nov-97	ND	ND	55	ND	ND	ND	3.8	NS	ND	ND
	01-Jนก-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	23-Oct-98	ND	ND	ND	ND	ND	ND	1.2	NS	ND	ND
	14-Oct-99	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	26-Oct-00	ND	ND	0.19 J	ND	ND	ND	0.22 J	ND	ND	ND
	25-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	25-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1	05-Oct-01	ND	ND	0.50 J	ND	ND	ND	ND	ND	ND	ND
	30-Apr-02	ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND
	02-Oct-02	ND	ND ND	ND ND	ND	ND ND	ND NO	ND ND	ND ND	ND ND	ND
	23-Apr-03 10-Oct-03	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	29-Apr-04	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND
	07-Oct-04	ND ND	ND ND	ND	ND	ND ND	ND	ND	ND ND	ND	ND
1-DM-102S-M	01-Jun-86	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
I DAT IVEU M	01-Sep-88	NS NS	NS NS	NS NS	NS	NS NS	NS NS	NS	NS	NS	NS NS
	31-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	09-Oct-01	ND	0.15 J	0.53 J	ND	ND ND	ND ND	ND	ND	ND	ND
	08-Oct-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	16-Oct-03	ND	ND	0.19 J	ND	ND ND	ND	ND	ND	ND	ND
I	13-Oct-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY

### Table 2-8 Landfill 10 Groundwater Analytical Results Summary - VOCs Wright-Patterson AFB, Ohio Page 5 of 5

WPAFB

	SAMPLE				TOTAL	•		METHYLENE			VINYL
LOCATION	DATE	BENZENE	ETHYLBENZENE	TOLUENE	XYLENES	CHLOROFORM	TRANS-1,2-DCE	CHLORIDE	MTBE	TCE	CHLORIDE
Units		μg/L	μg/L	μg/L	μg/L	μ <b>g/</b> L	μg/L	μg/L	μg/L	μg/L	μg/L
Compliance Level - ROD		0.62	NCL	NCL	NCL	0.28	100	6.22	NCL	3.03	0.0283
Compliance Level - MCL		5	700	1000	10000	NCL	100	NCL	NCL	5	2
01-DM-102D-M	01-Jun-86	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	01-Sep-88	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	16-May-91	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	04-Sep-91	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	20-Jan-92	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	31-Oct-00	ND	ND	0.14 J	ND	ND	ND	ND	ND	ND	ND
	25-Apr-01	ND	ND	ND	ND	ND	ND	0.34 J,B	ND	ND	ND
	25-Apr-01	ND	ND	ND	ND	ND	ND	0.34 J,B	ND	ND	ND
	08-Oct-01	ND	ND	ND	NO	ND	ND	ND	ND	ND	ND
	01-May-02	ND	ND	ND	NO	ND	ND	ND	ND	ND	ND
	08-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08-Apr-03	ND	ND	ND	NO	ND	ND	ND	ND	ND	ND
	30-Sep-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	22-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01-004-M	01-Jun-86	ND	ND	ND	NO	ND	ND	ND	NS	ND	ND
	01-Sep-88	ND	ND	ND	NO	ND	ND	ND	NS	ND	ND
	21-May-91	(2 J)	1 J	1 J	1 J	(2 J)	1 J	2 J	NS	1 J	(2 J)
	05-Sep-91	(3.0)	0.6 J	4.0	4.0	ND	ND	ND	NS	ND	ND
i	27-Oct-00	0.43 J	ND	1.8	0.93 J	ND	ND	0.60 J	ND	ND	ND
ŀ	23-Apr-01	ND	ND	ND	NO	ND	ND	ND	ND	ND	ND
	03-Oct-01	ND	ND	0.19 J	ND	ND	ND	ND	ND	ND	ND
	30-Apr-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	21-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	07-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	29-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	20-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LF10-MW10C	06-Oct-04	0.29 J	ND	1.6	0.89 J	ND	ND	ND	ND	ND	ND
(ambient blank)											

NCL - No Compliance Level set for these chemicals.

NS - Not Sampled ND = Not Detected

J = Estimated Result

B = Method blank contamination.

μg/L ≈ micrograms per liter

( ) - Concentration exceeds a compliance level.

\* - MW06A DUP is a separate well.

MTBE - Methyl tert-butyl ether

TCE - Trichloroethene

DCE - Dichloroethene

See Appendix C-1 to find any detections of other VOCs not listed here for the October 2004 sampling round.

### Table 2-9 Landfill 10 Groundwater Analytical Results Summary - SVOCs Wright-Patterson AFB, Ohio Page 1 of 3

LOCATIO	N	DATE	4-METHYL-PHENOL	BENZO(A) PYRENE	DIETHYL PHTHALATE	NAPHTHALENE
Units			(μg/L)	(μg/L)	(μ <b>g/L</b> )	(μ <b>g/L</b> )
Compliance Lev	el - ROD		NCL	NCL	NCL	NCL
Compliance Le			NCL.	0.2	NCL	NCL
LF10-MW03A		26-Oct-00	ND ND	ND	ND ND	ND
		05-Oct-01	ND VOCa and Japanesia	ND	ND	ND
		11-Oct-02			t enough water produced	
		16-Oct-03 13-Oct-04			enough water produced at enough water produced	_
		15-001-04	4 O C S MIN I I I O I G MIN I C S	only were concered, ne	d alloogii walai produced	
LF10-MW05B		01-Oct-96	ND	ND	ND	ND
		01-Nov-97	ND	ND	ND	ND
		23-Oct-98	ND	ND	ND	0.81
1	Duplicate		ND	ND	ND	ND
		12-Oct-99	ND	ND	ND	ND
		25-Oct-00	ND ND	ND	ND	ND
	O	03-Oct-01	ND ND	ND	ND	ND
,	Duplicate		ND NB	ND ND	ND	ND
	~	02-Oct-02	ND ND	ND ND	ND	ND
•	Duplicate	02-Oct-02	ND	ND	ND ND	ND
	O	30-Sep-03	ND ND	ND ND	ND ND	ND ND
1	Duplicate	30-Sep-03		ND	ND ND	_
	Duplicate	04-Oct-04 04-Oct-04	ND ND	ND ND	ND ND	ND ND
	- apiicata	34-001-04	1110		110	NU
F10-MW05C		01-Oct-96	ND	ND	ND	NĐ
	i	01-Nov-97	ND	ND	ND	ND
		30-Oct-98	ND	ND	ND	ND
	ĺ	14-Oct-99	ND	ND	ND	ND
	}	25-Oct-00	ND	ND	ND	ND
		03-Oct-01	ND	ND	ND	ND
		02-Oct-02	ND	ND	ND	ND
	1	30-Sep-03	ND	ND	ND	ND
		06-Oct-04	ND	ND	ND	ND
E10 LENGEL		04.0-4.06	ND	ND	NO	ND
F10-MW06A	į	01-Oct-96	ND ND	ND ND	ND ND	ND ND
		01-Nov-97		ND ND	-	
	]	27-Oct-98 12-Oct-99	ND ND	ND	ND ND	ND ND
	ĺ	25-Oct-00	ND ND	ND	ND	ND
		08-Oct-01	ND ND	ND	ND	ND
	- 1	10-Oct-02	ND ND	ND	ND	ND
		13-Oct-03	ND	ND	ND	ND
	1	11-Oct-04	ND	ND	ND	ND
	Į					
_F10-MW06A-DU	P <b>'</b>	25-Oct-00	DRY	DRY	DRY	DRY
	j	09-Oct-01		ted, not enough water		
		10-Oct-02	DRY	DRY	DRY	DRY
	1	14-Oct-03	DRY	DRY	DRY	DRY
		12-Oct-04	VOCs only were collect	ted, not enough water	produced	
F10-MW06B	- 1	01 0ct-96	ND	ND	ND	ND
. 10-10174000		01-Oct-96 01-Nov-97	ND ND	ND ND	ND ND	ND ND
	- 1	26-Oct-98	ND ND	ND ND	ND ON	ND ND
		12-Oct-99	ND ND	ND	ND	ND
	i	25-Oct-00	ND	ND	ND	ND
	l	08-Oct-01	ND ND	ND	ND	ND
	Į	10-Oct-02	ND	ND	ND	ND
		13-Oct-03	ND	ND	ND	ND
	ľ	11-Oct-04	ND	ND	ND	ND
	1					
F10-MW07A	1	26-Oct-00	ND	ND	ND	ND
ſ	Duplicate	26-Oct-00	ND	ND	ND	ND
	ļ	04-Oct-01	ND	ND	ND	ND
ľ	Duplicate	04-Oct-01	ND	ND	ND	ND
	_	03-Oct-02	ND	ND	ND	ND
Į.	Duplicate	03-Oct-02	ND	ND	ND	ND
	<u> </u>	08-Oct-03	ND	ND	ND	ND
ι	Duplicate	08-Oct-03	ND	ND	ND	ND
_	[	11-Oct-04	ND	ND	ND	ND
C	Duplicate	11-Oct-04	ND	ND	ND	ND
F10-MW07B	ļ	26 04 00	D₽✓	DRY	DRY	DRY
1 10-M4401D	- 1	26-Oct-00	DRY	DRY	DRY	DRY
		04-Oct-01	DRY	DRY		
	ŀ	04-Oct-02	DRY		DRY DRY	DRY
	Ι,	08-Oct-03 20-Oct-04	DRY DRY	DRY DRY	DRY	DRY DRY
		ZV-UCI-04	UKT	DICT	DIG	DRI
F10-MW07C	J	26-Oct-00	Only VOCs and dioxina	furan samples collecte	d, not enough water produc	ed
	ı	04-Oct-01	ND	ND	ND	ND ND
		04-Oct-02	ND	ND	ND	ND
					t enough water produced	
		11-Oct-04	ND	ND	ND	

### Table 2-9 Landfill 10 Groundwater Analytical Results Summary - SVOCs Wright-Patterson AFB, Ohio Page 2 of 3

LOCATION	DATE	4-METHYL-PHENOL	BENZO(A) PYRENE	DIETHYL PHTHALATE	NAPHTHALENE
Units		(μg/L)	(μg/L)	(μ <b>g/L</b> )	(μ <b>g/L</b> )
Compliance Level - RO		NCL	NCL	NCL	NCL
Compliance Level - MC	L	NCL	0.2	NCL	NCL
LF10-MW08A-2	1,4,04,06	ND ND	ND	ND	ND
LF 10-MWU6A-2	01-Oct-96 01-Nov-97	ND ND	ND ND	ND ND	ND ND
	20-Oct-98	ND	ND	ND	ND
5 - 5	13-Oct-99	ND	ND	ND	ND
Duplicat		ND	ND	ND	ND
	18-Oct-00	ND	ND	ND	ND
	04-Oct-01	ND	ND	ND	ND
	16-Oct-02	ND	ND	ND	ND
	06-Oct-03	ND ND	ND ND	ND	ND
	13-Oct-04	ND	ND	ND	ND
LF10-MW08B	01-Oct-96	ND	ND	ND	ND
	01-Nov-97	ND	ND	ND	ND
	29-Oct-98	ND	ND	ND	ND
Duplicat	1	ND	ND	ND	ND
	13-Oct-99	DRY	DRY	DRY	DRY
	26-Oct-00	ND ND	ND	ND	ND
	08-Oct-01	ND ND	ND	ND	ND
	14-Oct-02	ND ND	ND ND	ND ND	ND ND
	09-Oct-03	ND ND	ND ND	ND ND	ND ND
	18-Oct-04	ND ND	ND ND	ND ND	ND ND
	10-04-04	140	140	1467	ND
LF10-MW09A	01-Oct-96	ND	ND	ND	ND
	01-Nov-97	ND	ND	ND	ND
	01-Nov-98	ND	ND	ND	ND
	18-Oct-99	ND	ND	ND	ПN
	30-Oct-00	ND	ND	ND	ND
	03-Oct-01	ND	ND	ND	ND
	07-Oct-02	ND	ND	ND	ND
	30-Sep-03	ND	ND	ND	ND
	11-Oct-04	ND	ND :	ND	ND
5.0.1 P4.00D					
LF10-MW09B	01-Oct-96 01-Nov-97	ND ND	ND ND	ND ND	ND ND
	19-Oct-98	ND	ND	ND	ND
	18-Oct-99	ND ND	ND	ND	ND
	26-Oct-00	ND	ND	ND	ND
	03-Oct-01	ND	ND	ND	ND
	07-Oct-02	ND	ND	ND	ND
	30-Sep-03	ND ND	ND	ND	ND
	11-Oct-04	ND ND	ND	ND	ND
LF10-MW09C	01-Oct-96	ND	ND	ND	ND
	01-Nov-97	ND	ND	ND	ND
	29-Oct-98	ND	ND	ND	ND
	18-Oct-99	ND	ND	ND	ND
	30-Oct-00	ND	ND	ND	ND
	03-Oct-01	ND	ND	ND	ND
	07-Oct-02	ND	ND	ND	ND
	30-Sep-03	ND	ND	ND	ND
	11-Oct-04	ND	ND	ND	ND
.F10-MW10C	30-Oct-00	ND	ND	ND	ND
	09-Oct-01	ND	ND	ND	ND
	08-Oct-02	ND	ND	ND	ND
	30-Sep-03	ND	ND	ND	ND
	06-Oct-04	ND	ND	ND	ND
.F10-MW11A	01-Oct-96	ND	ND	ND	ND
	01-Nov-97	ND	NO NO	ND	ND
	26-Oct-98	ND	ND	ND	ND
Duplicat		ND	ND	ND	ND
_	14-Oct-99	ND	ND	ND	ND
Duplicat		ND	ND	ND	ND
	30-Oct-00	ND	ND	ND	ND
Duplicat		ND	ND	ND	ND
	04-Oct-01	ND	ND	ND	ND
Duplicat	04-Oct-01	ND	ND	ND	ND
•	03-Oct-02	ND	ND	ND	ND
Duplicat		ND	ND	ND	ND
	14-Oct-03	ND	ND	ND	ND
Duplicat		ND	ND	ND	ND
	11-Oct-04	ND	ND	ND	ND

### Table 2-9 Landfill 10 Groundwater Analytical Results Summary - SVOCs Wright-Patterson AFB, Ohio Page 3 of 3

LOCATION	DATE	4-METHYL-PHENOL	BENZO(A) PYRENE	DIETHYL PHTHALATE	NAPHTHALENE
Units		(μg/L)	(μg/L)	(μg/L)	(μ <b>g/</b> L)
Compliance Level - ROD	1	NCL	NCL	NCL NCL	NCL
Compliance Level - MCL		NCL	0.2	NCL NCL	NCL
LF10-MW11B	01-Oct-96	ND	ND	ND	ND
	01-Nov-97	ND	ND	ND	ND
	26-Oct-98	ND	ND	ND	ND
	14-Oct-99	ND	ND	ND	ND
	30-Oct-00	ND	ND	ND	ND
	05-Oct-01	ND	ND	ND	ND
Duplicate	08-Oct-01	ND	ND	ND	ND
	03-Oct-02	ND	ND	ND	ND
	15-Oct-03	ND	ND	ND	ND
	12-Oct-04	ND	ND	ND	ND
Duplicate		ND	ND	ND	ND
LF10-MW102	01-Nov-97	ND	ND	ND	ND
	01-Jun-98	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY
	29-Oct-98	ND	ND	ND	ND
	18-Oct-99	ND	ND	ND	ND
	25-Oct-00	DRY	DRY	DRY	DRY
	05-Oct-01	DRY	DRY	DRY	DRY
	08-Oct-02	DRY	DRY	DRY	DRY
	09-Oct-03	DRY	DRY	DRY	DRY
	06-Oct-04	DRY	DRY	DRY	DRY
1 F40 1 84/402	1	,,,	NE	ME	,
LF10-MW103	01-Oct-96 01-Nov-97	ND ND	ND ND	ND ND	ND ND
	01-Jun-98 01-Sep-98	DRY	DRY	DRY	DRY
	23-Oct-98	DRY ND	DRY ND	DRY	DRY
		ND ND	ND	ND ND	ND ND
	19-Oct-99	ND	ND ND	ND ND	ND
	26-Oct-00 08-Oct-01	ND ND	ND ND		ND
				ND	ND
	08-Oct-02 10-Oct-03	ND ND	ND ND	ND	ND
	07-Oct-04	ND	ND	ND ND	ND ND
	01-001-04		140	ND	ND
LF10-MW104	01-Nov-97	DRY	DRY	DRY	DRY
	01-Jun-98	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY
	18-Oct-99	DRY	DRY	DRY	DRY
	25-Oct-00	DRY	DRY	DRY	DRY
	05-Oct-01	DRY	DRY	DRY	DRY
	07-Oct-02	DRY	DRY	DRY	DRY
	09-Oct-03	DRY	DRY	DRY	DRY
	06-Oct-04	DRY	DRY	DRY	DRY
=					
LF10-MW105	01-Oct-96	ND DDV	ND	ND DDV	ND
	01-Nov-97	DRY	DRY	DRY	DRY
	01-Jun-98	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY
	23-Oct-98	ND	ND	ND	ND
	14-Oct-99		s were collected, not er		
	26-Oct-00	ND ND	ND	ND ND	ND ND
	05-Oct-01	ND	ND	ND	ND
	02-Oct-02	ND ND	ND ND	ND	ND
	07-Oct-03	ND ND	ND ND	ND ND	ND ND
	07-001-04	ND	ND	NU	ND
01-DM-102S-M	31-Oct-00	DRY	DRY	DRY	DRY
	08-Oct-01		cled, not enough water		
	08-Oct-02	DRY	DRY	DRY	DRY
		Only VOCs were colle			-
	13-Oct-04	DRY	DRY	DRY	DRY
1					
)1-DM-102D-M	31-Oct-00	ND	ND	ND NB	ND
	08-Oct-01	ND	ND	ND	ND
	08-Oct-02	ND	ND	ND	ND
	30-Sep-03	ND	ND	ND	ND
	13-Oct-04	ND	ND	ND	ND
01-004-M	27-Oct-00	ND	ND	МD	ND
0 1-004-IM	03-Oct-01	ND ND	ND	ND ND	ND ND
				ND ND	ND ND
	02-Oct-02 07-Oct-03	ND ND	ND ND	ND ND	ND

NCL = No Compliance Level set for these chemicals ND = Not Detected µg/L = micrograms per liter

### Table 2-10 Landfill 10 Groundwater Analytical Results Summary - Dioxins Wright-Patterson AFB, Ohio Page 1 of 4

	-		Total-	1,2,3,4,6,7,8-	1,2,3,4,7,8-	2,3,7,8-	2,3,7,8-		
LOCAT	rion	DATE	HPCDD	HPCDF	HXCDD	TCDD	TCDF	OCDD	OCDF
Unit			pg/L	pg/L	pg/L	pg/L	pg/L	pg/L	pg/L
Compliance L	evel - ROD		56.7	56.7	5.67	0.567	5.67	567	567
Compliance I	Level - MCL		NCL	NCL	NCL	30	NCL	NCL	NCL
LF10-MW03A		26-Oct-00	2.4 JQ	ND	ND	ND	ND	14 JB	3.3 JQ
		1		VOCs only were ∞				_	_
		11-Oct-02		organics only were					
1		16-Oct-03		anide only were co				-	_
i		13-Oct-04	VOCs and in	organics only were	collected, not el	nough water p	oroduced	_	-
LF10-MW05B		23-Oct-98	ND	ND	ND	ND	ND	1.8 JBQ	ND
[	Duplicate	23-Oct-98	ND	ND	ND	ND	ND	3.8 JQB	ND
		12-Oct-99	ND	ND	ND	ND	ND	5.3 JB	ND
		25-Oct-00	ND	ND	ND	ND	ND	7.7 JB	ND
		03-Oct-01	ND	ND	ND	ND	ND	ND	6.4 J
	Duplicate	03-Oct-01	ND	ND	ND	ND	ND	ND	3.6 J
	·	02-Oct-02	ND	1.5 JB	ND	ND	ND	2.3 JBQ	2.3 JBQ
1	Duplicate	02-Oct-02	1.4 JBQ	1.9 JBQ	ND	ND	ND	5.0 JB	3.6 JBQ
		30-Sep-03	ND	ND	ND	ND	ND	1.6 JBQ	ND
	Duplicate	30-Sep-03	ND	ND	ND	ND	ND	1.4 JBQ	ND
		04-Oct-04	3.8 JBQ	1.4 JB	2.7 JB	ND	ND	9.9 JB	9.0 JB
	Duplicate	04-Oct-04	7.1 JB	3.3 JB	3.1 JBQ	ND	ND	7.6 JB	6.5 JBQ
1.540 144050		20 0-4 00	l ND	NB	ND	NO	NID	40.40	40.1
LF10-MW05C	Ì	30-Oct-98	ND	ND 1.0 JQB	ND	ND ND	ND	18 JB	10 J 0.9 JB
		14-Oct-99 25-Oct-00	1.3 JQB 1.5 JQ	ND	ND ND	(1.5 JQ)	ND ND	14 JB 15 JB	ND ND
		03-Oct-01	ND ND	ND ND	ND	(1.5 JQ) ND	ND	3.5 JBQ	4.8 JQ
	-	02-Oct-02	NC NC	NC NC	NC NC	NC	NC	NC	NC
ľ	1	30-Sep-03	2.4 JBQ	ND	ND	ND	ND	2.3 JB	ND
1		06-Oct-04	2.8 JBQ	ND	ND	ND	ND	7.6 JBQ	ND
				2					
LF10-MW06A	ł	27-Oct-98	10 JQB	ND	ND	ND	ND	220 JB	ND
	1	12-Oct-99	ND	ND	ND	ND	ND	2 JB	ND
		25-Oct-00	ND	ND	ND	ND	ND	8.9 JB	ND
		08-Oct-01	ND	ND	ND	ND	ND	4.3 JBQ	ND
		10-Oct-02	ND	ND	ND	ND	ND	5.1 JBQ	ND
1		13-Oct-03	ND ND	ND	ND	ND	ND	1.0 JBQ	ND
1		11-Oct-04	ND	ND	ND	ND	ND	ND	ND
LF10-MW06A	DLIP**	25-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		09-Oct-01	I	ere collected, not e			-	-	-
ļ		10-Oct-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		14-Oct-03	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		12-Oct-04		ere collected, not e			-	-	-
1			1						
LF10-MW06B		26-Oct-98	ND	ND	ND	ND	ND	2.5 JB	ND
		12-Oct-99	ND	ND	ND	ND	ND	1.7 JQB	ND
		25-Oct-00	ND	ND	ND	ND	ND	5.8 JB	1.5 JB
		08-Oct-01	ND	ND	ND	ND	ND	ND	7.7 JBQ
		10-Oct-02	NC 14.10	NC 10	NC	NC	NC	NC 0.0.ID	NC 4 3 10
1		13-Oct-03	1.4 JQ	1.0 J	ND	ND	ND ND	8.3 JB	4.3 JQ
		11-Oct-04	ND	ND	ND	ND	ND	2.0 JBQ	ND
LF10-MW07A		26-Oct-00	ND	ND	ND	ND	ND	2.7 JB	ND
[	Duplicate	26-Oct-00	ND	ND	ND	ND	ND	3.0 JB	ND
1	S aprioute	04-Oct-01	ND	ND	ND	ND	ND	13 JB	ND
	Duplicate	04-Oct-01	ND	ND	ND	ND	ND	2.3 JB	ND
		03-Oct-02	ND	ND	ND	ND	ND	3.3 B J	ND
1	Duplicate	03-Oct-02	ND	ND	ND	ND	ND	1.9 JBQ	2.1 JBQ
<b>\</b>	,	08-Oct-03	ND	ND	ND	ND	ND	ND	ND
1	Duplicate	08-Oct-03	ND	ND	ND	ND	ND	2.8 JBQ	ND
1	. ]	11-Oct-04	ND	ND	ND	ND	ND	ND	ND
Ì	Duplicate	11-Oct-04	ND	ND	ND	ND	ND	1.3 JBQ	1.7 JB

### Table 2-10 Landfill 10 Groundwater Analytical Results Summary - Dioxins Wright-Patterson AFB, Ohio Page 2 of 4

		Total-	1,2,3,4,6,7,8-	1,2,3,4,7,8-	2,3,7,8-	2,3,7,8-		
LOCATION	DATE	HPCDD	HPCDF	HXCDD	TCDD	TCDF	OCDD	OCDF
Units		pg/L	pg/L	pg/L	pg/L	pg/L	pg/L	pg/L
Compliance Level - ROD	1	56.7	56.7	5.67	0.567	5.67	567	567
Compliance Level - MCL	l	NCL	NCL	NCL	30	NCL	NCL	NCL
LF10-MW07B	26-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY
i	04-Oct-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY
1	04-Oct-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	08-Oct-03	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Ì	20-Oct-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY
į.	(	į .						ĺ
LF10-MW07C	26-Oct-00	ND	ND	ND	ND	ND	24 JBQ	ND
1	04-Oct-01		, and Metals only we				·	
	04-Oct-02		, Metals, Pest/PCBs,		-		-	uced
	09-Oct-03		Ammonia and Cyani	•	-	•		
İ	11-Oct-04	ND	ND	ND	ND	ND	ND	ND
LF10-MW08A-2	20-Oct-98	ND	ND	ND	ND	ND	6.8 JB	ND
LF 10-WWW00A-2	13-Oct-99	NC NC	NC	NC NC	NC	NC	NC	NC
Duplicate		NC NC	NC	NC NC	NC	NC	NC	NC NC
Duplicate	18-Oct-00	ND ND	ND	ND	ND	ND	6.3 JB	ND ND
	04-Oct-01	ND	ND	ND	ND	ND	20 JB	ND
Į	16-Oct-02	ND	ND	ND	ND	ND	ND	ND
ŀ	06-Oct-03	ND	ND	ND	ND	ND	4.0 JBQ	ND
	13-Oct-04	ND	0.91 JBQ	ND	ND	ND	4.0 JB	2.0 JBQ
	10000	1	0.01 000	NB		110	4.0 00	2.0024
LF10-MW08B	29-Oct-98	ND	ND	ND	ND	ND	ND	ND
Duplicate		ND	ND	ND	ND	ND	3.3 JB	ND
	13-Oct-99	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	26-Oct-00	NC	NC	NC	NC	NC	NC	NC
]	08-Oct-01	ND	ND	ND	ND	ND	3.7 JB	ND )
	14-Oct-02	ND	ND	ND	ND	ND	ND	ND
	09-Oct-03	ND	ND	ND	ND	ND	1.8 JB	ND
ļ	18-Oct-04	ND	ND	ND	ND	ND	3.9 JB	ND
LF10-MW09A	01-Nov-98	ND	ND	ND	ND	ND	2.4	ND
	18-Oct-99	ND	0.3 JQ	ND	ND	ND	4.0 JB	ND
Į	30-Oct-00	ND	ND	ND	ND	ND	4.6 JB	1.3 JBQ
	03-Oct-01	ND	ND	ND	ND	ND	4.2 JB	3.6 JQ
i	07-Oct-02	ND	ND ND	ND	ND ND	ND	6.2 JB	ND
	30-Sep-03	ND	ND ND	ND	ND ND	ND	1.5 JBQ	ND 2.4 JBQ
	11-Oct-04	ND	NU	ND	NU	ND	4.2 JBQ	2.4 JBQ
LF10-MW09B	19-Oct-98	ND	ND	ND	ND	ND	2.6 JBQ	ND
10-11111002	18-Oct-99	0.60 JQ	0.48 JQ	ND	ND	ND	2.7 BJQ	1.1 BJQ
	26-Oct-00	ND	ND	ND	ND	ND	4.1 JBQ	1.9 JQ
	03-Oct-01	ND	ND	ND	ND	ND	ND	4.6 J
j ;	07-Oct-02	1.4 JB	1.6 JBQ	ND	ND	ND	7.3 JBQ	4.8 JBQ
	30-Sep-03	ND	ND	ND	ND	ND	ND	2.2 JB
	11-Oct-04	3.5 JBQ	ND	ND	ND	ND	23 JBQ	15 JB
								1
LF10-MW09C	29-Oct-98	ND	ND	ND	ND	ND	ND	ND
"	18-Oct-99	NC	NC	NC	NC	NC	NC	NC
	30-Oct-00	NC	NC	NC	NC	NC	NC	NC
	03-Oct-01	ND	ND	ND	ND	ND	ND	2.3 JQ
	07-Oct-02	ND	1.3 JBQ	ND	ND	ND	9.5 JB	4.2 JB
	30-Sep-03	ND	ND	ND	ND	ND	2.1 JB	ND
	11-Oct-04	ND	ND	ND	ND	ND	ND	ND
L E40 MM/400	00 0 1 00	0.00	ND		A IID		0.0.10	0.00 100
LF10-MW10C	30-Oct-00	0.60 J	ND	ND	ND	ND	3.9 JB	0.98 JBQ
	09-Oct-01	ND	ND 4.7. IDO	ND	ND	ND	4.0 JBQ	ND
	08-Oct-02	ND	1.7 JBQ	ND	ND	ND	4.9 JB	9.0 JB
	30-Sep-03	ND FO ID	ND 2.2.IBO	ND	ND	ND	ND 40 JD	ND
	06-Oct-04	5.0 JB	2.3 JBQ	2.3 JBQ	ND	ND	12 JB	8.8 JB

### Table 2-10 Landfill 10 Groundwater Analytical Results Summary - Dioxins Wrlght-Patterson AFB, Ohlo Page 3 of 4

			Total-	1,2,3,4,6,7,8-	1,2,3,4,7,8-	2,3,7,8-	2,3,7,8-		0005
LOCATION		DATE	HPCDD	HPCDF	HXCDD	TCDD	TCDF	OCDD	OCDF
Units	- BOD		pg/L 56.7	pg/L 56.7	pg/L 5.67	pg/L 0.567	pg/L 5.67	pg/L 567	pg/L 567
Compliance Level			NCL NCL	NCL NCL	NCL	30	NCL	NCL NCL	NCL NCL
Compliance Level	I - MCL		IVCL	TIOL .	IVCL	<del></del>	NOL	NOL	IIIOL
F10 MAI44A		20.04.00	451	ND	ND	ND	ND	42 10	4410
LF10-MW11A		26-Oct-98	1.5 J	ND	ND ND	ND (2.8.1)	ND	12 JB	1.1 JQ
լ Մա	uplicate	26-Oct-98	4.7 JQS	ND ND	ND	(3.8 J)	ND	74 JB	2.4 J
		14-Oct-99	ND ND	ND	ND	ND	ND	6.5 JB	ND
Du	uplicate	14-Oct-99	ND	ND	ND	ND (0.0.10)	ND	6.5 JB	ND
		30-Oct-00	ND	ND	ND	(6.0 JQ)	ND	1.7 JBQ	ND
Du	uplicate	30-Oct-00	ND	ND	ND	ND	ND	1.6 JBQ	ND
] _		04-Oct-01	ND	ND	ND	ND	ND	11 JBQ	ND
Du	uplicate	04-Oct-01	ND	ND	ND	ND	ND	10 JBQ	ND
_		03-Oct-02	ND	ND	ND	ND	ND	2.1 JBQ	ND
Du	uplicate	03-Oct-02	ND	ND	ND	ND	ND	2.2 JB	ND
		14-Oct-03	ND	ND	ND	ND	ND	4.1 JBQ	2.2 J
Du	uplicate	14-Oct-03	1.3 JQ	ND	ND	ND	ND	4.5 JBQ	2.2 J
		11-Oct-04	ND	ND	ND	ND	ND	ND	ND
L E 40 L D L 44 D		00 0-4 00		ND	MD	ND	ND	3.6 JB	ND
LF10-MW11B		26-Oct-98	ND 4 0 100	ND ND	ND ND		ND	3.0 JB 14 JB	
j		14-Oct-99	1.0 JQ8	ND ND	ND ND	ND			1.0 JB
	ľ	30-Oct-00	ND	ND	ND	ND	ND	2.4 JB	ND
		05-Oct-01	ND	ND	ND	ND	ND	ND	ND
Du	uplicate	08-Oct-01	ND	ND	ND	ND	ND	ND 4 0 ID	ND
		03-Oct-02	ND	ND	ND	ND	ND	4.2 JB	3.0 JB
]		15-Oct-03	ND	ND ND	ND	ND	ND	2.4 JB	ND
1		12-Oct-04	ND	ND	ND	ND	ND	ND	ND
Du	plicate	12-Oct-04	ND	ND	ND	ND	ND	ND	ND
LF10-MW102		01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		29-Oct-98	ND	ND	ND	ND	ND	18 JB	ND
		18-Oct-99	2.8 JQ	0.68 JQ	ND	ND	ND	24 JB	1.2 JB
ľ		25-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		05-Oct-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		08-Oct-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		09-Oct-03	DRY	DRY	DRY	DRY	DRY	DRY	DRY
ļ		06-Oct-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	ĺ			2					
LF10-MW103	ļ	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	l l	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		23-Oct-98	NC	NC	NC	NC	NC	NC	NC
	-	19-Oct-99	2.5 J	0.47 JQ	ND	ND	ND	9.8 JB	0.98 JBQ
	1	26-Oct-00	1.3 JQ	ND	ND	ND	ND	10 JB	ND
Ì	1		VOCs, SVOCs,	, and Metals only we	re collected, not er	nough water pro	oduced	_	_
	1	08-Oct-02	ND	3.9 JBQ	ND	ND	ND	11 JB	25 JB
	Į.		VOCs, SVOC	s, Metals, Ammon	ia and Cyanide o	only were colle	ected, not en	ough water p	roduced
	1	07-Oct-04	3.3 JB	ND	ND	ND	ND	11 JBQ	5.8 JB
1.540.140.4	ĺ	04.1.00	25.1	000	DCV	DEV	DD.	DEV	DD\(
LF10-MW104	j	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	İ	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		18-Oct-99	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	1	25-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	- 1	05-Oct-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	1	07-Oct-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		09-Oct-03	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		06-Oct-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY

WPAFB
Final
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### Table 2-10 Landfill 10 Groundwater Analytical Results Summary - Dioxins Wright-Patterson AFB, Ohio Page 4 of 4

		Total-	1,2,3,4,6,7,8-	1,2,3,4,7,8-	2,3,7,8-	2,3,7,8-		
LOCATION	DATE	HPCDD	HPCDF	HXCDD	TCDD	TCDF	OCDD	OCDF
Units		pg/L	pg/L	pg/L	pg/L	pg/L	pg/L	pg/L
Compliance Level - ROD		56.7	56.7	5.67	0.567	5.67	567	567
Compliance Level - MCL		NCL	NCL	NCL	30	NCL	NCL	NCL
1 5 4 0 A WAY 4 0 5			5514	55.4	551	2000	D. D. L.	D.D.V
LF10-MW105	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY
i	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	23-Oct-98	ND	ND	ND	ND	ND	3.1 JBQ	ND
	14-Oct-99*	ND	ND	ND	ND	ND	4.5 JB	ND
	26-Oct-00	ND	ND	ND	ND	ND	2.7 JB	0.73 J
	05-Oct-01	ND	ND	ND	ND	ND	4.5 JB	ND
	02-Oct-02	VOCs, SVOCs	, Metals, Pest/PCBs	. Ammonia and Cy	anide only colle	cted, not enou	gh water produ	ced
	10-Oct-03	VOCs, SVOCs	, Metals, Pest/PCBs	, Ammonia and Cy	anide only colle	cted, not enou	gh water produ	ıced
	07-Oct-04	VOCs, SVOCs	, Metals, Pest/PCBs	, Ammonia and Cy	anide only colle	cted, not enou	gh water produ	ced
01-DM-102S-M	31-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	08-Oct-01	VOCs only w	ere collected, not e	enough water pro	oduced	_	_	
	08-Oct-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	16-Oct-03	VOCs only w	ere collected, not e	enough water pro	duced			
	13-Oct-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY
01-DM-102D-M	31-Oct-00	ND	ND	ND	ND	ND	7.9 JB	ND
	08-Oct-01	ND	ND	ND	ND	ND	26 JBQ	ND
	08-Oct-02	ND	ND	ND	ND	ND	7.1 JBQ	ND
1	30-Sep-03	ND	1.1 JBQ	ND	ND	ND	4.7 JBQ	2.7 JBQ
	13-Oct-04	ND	ND	ND	ND	ND	4.8 JB	ND
01-004-M	27-Oct-00	ND ND	ND	ND	ND	ND	5.1 JBQ	ND
	03-Oct-01	ND	ND	ND	ND	ND	ND	7.8 J
ı	02-Oct-02	ND	ND	ND	ND	ND	4.6 JB	3.4 JB
ł	07-Oct-03	ND	ND	ND	ND	ND	2.3 JB	ND
ļ	20-Oct-03	ND	1.3 JB	ND	ND	ND	3.8 JB	2.5 JBQ
<del></del>	20-04-04	110	1.5 50	110		110	3.0 30	2.0 0000

NCL = No Compliance Level set for these chemicals

J = Estimated Result

Q = Estimated Maximum Possible Concentration

B = Method Blank Contamination

\* = Partial sample used for dioxin analysis

\*\* = MW06A DUP is a separate well

pg/L = picograms per liter

() = Concentration exceeds a compliance level

NS = Not Sampled

NA = Not Available

ND = Not Detected

NC = Not Collected

# Table 2-11 Landfill 10 Groundwater Analytical Results Summary - Pesticides/PCBs Wright-Patterson AFB, Ohio Page 1 of 5

			AROCLOR	AROCLOR	AROCLOR	AROCLOR	
LOCAT	ION	DATE	1242	1248	1254	1260	DIELDRIN
LOCAT Unit		DATE		(μg/L)	(μg/L)	(μg/L)	
Compliance L			(μg/L) NCL	NCL.	NCL	NCL	(μg/L) NCL
Compliance L	evel - NOD		NCL	NCL NCL	NCL NCL	NCL NCL	NCL
Compliance	evel - MICL		NOL	NOL	NOL	NOL	NOL
LF10-MW03A		26-Oct-00	ND	ND	ND	ND	ND
LI 10-1411103A		05-Oct-01	t .			ugh water produc	
		11-Oct-02	L	•	•	nough water product	
		16-Oct-03				ough water produ	
		13-Oct-04		•	•	nough water prod	
		10 000 04	Too and more	garnoo orny word	, concotou, not o	nough water prot	34004
LF10-MW05B		01-Oct-96	ND	ND	ND	ND	ND
		01-Nov-97	ND	ND	ND	ND	ND
		23-Oct-98	ND	ND	ND	ND	ND
•	Duplicate		ND	ND	ND	ND	ND
	•	12-Oct-99	ND	ND	ND	ND	ND
		25-Oct-00	ND	ND	ND	ND	ND
		03-Oct-01	ND	ND	ND	ND	ND
1	Duplicate		ND	ND	ND	ND	ND
1		02-Oct-02	ND	ND	ND	ND	ND
1	Duplicate		ND	ND	ND	ND	ND
1		30-Sep-03	ND	ND	ND	ND	ND
	Duplicate	30-Sep-03	ND	ND	ND	ND	ND
i	· ·	04-Oct-04	ND	ND	ND	ND	ND
!	Duplicate	04-Oct-04	ND	ND	ND	ND	ND
	,						
LF10-MW05C		01-Oct-96	ND	ND	ND	ND	ND
i		01-Nov-97	ND	ND	ND	ND	ND
		30-Oct-98	NS	NS	NS	NS	NS
		14-Oct-99	VOCs, Inorgani	cs, SVOCs, and	Dioxins only co	llected, not enoug	gh water produced
Ì		25-Oct-00	ND	ND	ND	ND	ND
i		03-Oct-01	ND	ND	ND	ND	ND
		02-Oct-02	ND	ND	ND	ND	ND
		30-Sep-03	ND	ND	ND	ND	ND
1		06-Oct-04	ND	ND	ND	ND	ND
LF10-MW06A		01-Oct-96	ND	ND	ND	ND	ND
		01-Nov-97	ND	ND	ND	ND	ND
		27-Oct-98	ND	ND	ND	ND	ND
1		12-Oct-99	ND	ND	ND	ND	ND
]		25-Oct-00	ND ND	ND	ND	ND	ND
1		08-Oct-01	ND ND	ND ND	ND	ND ND	ND ND
1		10-Oct-02	ND ND	ND	ND	ND ND	ND ND
J		13-Oct-03	ND ND	ND	ND ND	ND	ND
		11-Oct-04	ND	ND	ND	ND	ND
LF10-MW06A	ן אַפווס	25 0-4 00	DRY	DRY	DRY	DRY	DRY
LE 10-MVVOOA	שטר	25-Oct-00	_				
		09-Oct-01 10-Oct-02	DRY	DRY	enough water pro DRY	DRY	DRY
			DRY	DRY	DRY	DRY	DRY
		14-Oct-03 12-Oct-04					ואט
		12-001-04	vocs only were	ounected, not e	enough water pr	ouuceu	
LF10-MW06B	ĺ	01-Oct-96	ND	ND	ND	ND	ND
LI TO-IVIVA COB	,	01-Oct-96	ND ND	ND	ND	ND	ND
1		26-Oct-98	ND ND	ND	ND ND	ND	ND
1		12-Oct-98	ND ND	ND	ND ND	ND	ND ND
1			ND ND	ND	ND	ND ND	ND
]	j	25-Oct-00		ND ND	ND ND	ND ND	ND
		08-Oct-01	ND		ND ND	ND ND	ND ND
		10-Oct-02	ND	ND			
		13-Oct-03	ND	ND ND	ND ND	ND ND	ND ND
L		11-Oct-04	ND	IAD	IND	ואט	טאו

# Table 2-11 Landfill 10 Groundwater Analytical Results Summary - Pesticides/PCBs Wright-Patterson AFB, Ohio Page 2 of 5

		AROCLOR	AROCLOR	AROCLOR	AROCLOR	<del></del>
LOCATION	DATE	1242	1248	1254	1260	DIELDRIN
Units		(μg/L)	(µg/L)	(µg/L)	(µg/L)	(μg/L)
Compliance Level - ROD		NCL	NCL	NCL	NCL	NCL
Compliance Level - MCL		NCL	NCL	NCL	NCL	NCL
LF10-MW07A	26-Oct-00	ND	ND	ND	ND	ND
Duplicate	26-Oct-00	ND	ND	ND	ND	ND
	04-Oct-01	ND	ND	ND	ND	ND
Duplicate	04-Oct-01	ND	ND	ND	ND	ND
	03-Oct-02	ND	ND	ND	ND	ND
Duplicate	03-Oct-02	ND	ND	ND	ND	ND
	08-Oct-03	ND	ND	ND	ND	ND
Duplicate	08-Oct-03	ND	ND	ND	ND	ND
	11-Oct-04	ND	ND	ND	ND	ND
Duplicate	11-Oct-04	ND	ND	ND	ND	ND
		, ,,,,	.,,,	.,,,	. 10	
LF10-MW07B	26-Oct-00	DRY	DRY	DRY	DRY	DRY
	04-Oct-01	DRY	DRY	DRY	DRY	DRY
	04-Oct-02	DRY	DRY	DRY	DRY	DRY
	08-Oct-03	DRY	DRY	DRY	DRY	DRY
	20-Oct-04	DRY	DRY	DRY	DRY	DRY
		2	2	3	J. 1. 1	w
LF10-MW07C	26-Oct-00	VOCs and Dioxi	in only were cal	lected not enough	gh water produce	d
2. 10 1	04-Oct-01				not enough wate	
	04-Oct-02	ND	ND	ND	ND	ND
	09-Oct-03				nough water prod	
	11-Oct-04	ND	ND	ND	ND	ND
	11 000 04	140	140	110	110	140
LF10-MW08A-2	01-Oct-96	ND	ND	ND	ND	ND
2. 10 /	01-Nov-97	ND	ND	ND	ND	ND
	20-Oct-98	ND	ND	ND	ND	ND
	13-Oct-99	ND	ND	ND	ND	ND
Duplicate	13-Oct-99	ND	ND	ND	ND	ND
Duplicate	18-Oct-00	ND	ND	ND	ND	ND
	04-Oct-01	ND	ND	ND	ND	ND
	16-Oct-02	ND	ND	ND	ND	ND
	06-Oct-03	ND	ND	ND	ND	ND
	13-Oct-04	ND	ND	ND	ND	ND
	13-001-04	NO	110	ND	110	ND
LF10-MW08B	01-Oct-96	ND	ND	ND	ND	ND
E1 10-1914100D	01-Nov-97	ND	ND	ND	ND	ND
	29-Oct-98	ND	ND	ND	ND	ND
Duplicate	29-Oct-98	ND	ND	ND	ND	ND
Duplicate	13-Oct-99	DRY	DRY	DRY	DRY	DRY
	26-Oct-00				A I D	ND
	08-Oct-00	ND ND	ND ND	ND ND	ND ND	ND ND
	14-Oct-02	ND ND	ND	ND ND	ND	ND
	09-Oct-03	ND	ND	ND	ND ND	ND
	18-Oct-04	ND	ND	ND ND	ND ND	ND ND
]	10-061-04	שאו	MD	NO	140	NU
LF10-MW09A	01-Oct-96	ND	ND	ND	ND	ND
	01-Oct-96 01-Nov-97	ND ND	ND ND	ND ND	ND ND	ND
	01-Nov-97	ND		ND	ND ND	ND
		ND	ND ND			
1	18-Oct-99	ND	ND ND	ND	ND ND	ND ND
ł	30-Oct-00	ND	ND	ND	ND	ND ND
	03-Oct-01	ND ND	ND	ND ND	ND	ND ND
ļ	07-Oct-02	ND	ND	ND	ND	ND ND
1	30-Sep-03	ND	ND	ND	ND	ND
	11-Oct-04	ND	ND	ND	ND	ND

# Table 2-11 Landfill 10 Groundwater Analytical Results Summary - Pesticides/PCBs Wright-Patterson AFB, Ohio Page 3 of 5

			AROCLOR	AROCLOR	AROCLOR	AROCLOR	
LOCATIO	N	DATE	1242	1248	1254	1260	DIELDRIN
Units			(μg/L)	(μg/L)	(μg/L)	(μg/L)	(μg/L)
Compliance Leve	el - ROD		NCL	NCL	NCL	NCL	NCL
Compliance Leve	el - MCL		NCL	NCL	NCL	NCL	NCL
			·	<u> </u>			-
LF10-MW09B		01-Oct-96	ND	ND	ND	ND	ND
		01-Nov-97	ND	ND	ND	ND	ND
		19-Oct-98	ND	ND	ND	ND	ND
		18-Oct-99	ND	ND	ND	ND	ND
		26-Oct-00	ND	ND	ND	ND	ND
		03-Oct-01	ND	ND	ND	ND	ND
		07-Oct-02	ND	ND	ND	ND	ND
		30-Sep-03	ND	ND	ND	ND	ND
		11-Oct-04	ND	ND	ND	ND	ND
	l						
.F10-MW09C		01-Oct-96	ND	ND	ND	ND	ND
	i	01-Nov-97	ND	ND	ND	ND	ND
		29-Oct-98	ND	ND	ND	ND	ND
		18-Oct-99	ND	ND	ND	ND	ND
	ļ	30-Oct-00	ND	ND	ND	ND	ND
		03-Oct-01	ND	ND	ND	ND	ND
		07-Oct-02	ND	ND	ND	ND	ND
		30-Sep-03	ND	ND	ND	ND	ND
		11-Oct-04	ND	ND	ND	ND	ND
F10-MW10C		30-Oct-00	ND	ND	ND	ND	ND
		09-Oct-01	ND	ND	ND	ND	ND
		08-Oct-02	ND	ND	ND	ND	ND
		30-Sep-03	ND	ND	ND	ND	ND
		06-Oct-04	ND	ND	ND	ND	ND
F10-MW11A	- 1	04 0-4 06	ND	ND	ND	ND	ND
-F 10-IVIVV I IA	1	01-Oct-96	ND	ND	ND	ND	ND
	1	01-Nov-97	ND	ND	ND	ND	ND
5		26-Oct-98	ND	ND	ND	ND	ND
U	uplicate		ND	ND	ND	ND	ND
_		14-Oct-99	ND	ND	ND	ND	ND
ט	uplicate	14-Oct-99	ND	ND	ND	ND	ND
_		30-Oct-00	ND	ND	ND	ND	ND
D	uplicate	30-Oct-00	ND	ND	ND	ND	ND
=		04-Oct-01	ND	ND	ND	ND	ND
D	uplicate		ND	ND	ND	ND	ND
	1	03-Oct-02	ND	ND	ND	ND	ND
D	uplicate	03-Oct-02	ND	ND	ND	ND	ND
		14-Oct-03	ND	ND	ND	ND	ND
D	uplicate		ND	ND	ND	ND	ND
		11-Oct-04	ND	ND	ND	ND	ND
F10-MW11B	J	01-Oct-96	ND	ND	ND	MO	NO
1 10-14144   10					ND ND	ND ND	ND
	J	01-Nov-97	ND ND	ND	ND	ND	ND
		26-Oct-98	ND	ND	ND	ND	ND
	{	14-Oct-99	ND	ND	ND	ND	ND
	ļ	30-Oct-00	ND	ND	ND	ND	ND
_		05-Oct-01	ND	ND	ND	ND	ND
D	uplicate	08-Oct-01	ND	ND	ND	ND	ND
	j	03-Oct-02	ND	ND	ND	ND	ND
	ľ	15-Oct-03	ND	ND	ND	ND	ND
		12-Oct-04	ND	ND	ND	ND	ND
Di	uplicate	12-Oct-04	ND	ND	ND	ND	ND

# Table 2-11 Landfill 10 Groundwater Analytical Results Summary - Pesticides/PCBs Wright-Patterson AFB, Ohio Page 4 of 5

		AROCLOR	AROCLOR	AROCLOR	AROCLOR	<del> ·</del>
LOCATION	DATE	1242	1248	1254	1260	DIELDRIN
Units		(μg/L)	(μg/L)	(μg/L)	(μg/L)	(µg/L)
Compliance Level - ROD	1	NCL	NCL	NCL	NCL	NCL
Compliance Level - MCL		NCL	NCL	NCL	NCL	NCL
LF10-MW102	01-Nov-97	ND	ND	ND	ND	ND
ł	01-Jun-98	DRY	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY	DRY
1	29-Oct-98	NS	NS	NS	NS	NS
	18-Oct-99	VOC, Dioxin an	d SVOCs only v	vere collected, n	ot enough water	produced
	25-Oct-00	DRY	DRY	DRY	DRY	DRY
	05-Oct-01	DRY	DRY	DRY	DRY	DRY
	08-Oct-02	DRY	DRY	DRY	DRY	DRY
j	09-Oct-03	DRY	DRY	DRY	DRY	DRY
	06-Oct-04	DRY	DRY	DRY	DRY	DRY
. 5.0						
LF10-MW103	01-Oct-96	ND	ND	ND	ND	ND
	01-Nov-97	ND DDV	ND	ND	ND	ND
	01-Jun-98	DRY	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY	DRY
Į .	23-Oct-98 19-Oct-99	NS ND	NS ND	NS ND	NS ND	NS ND
1	26-Oct-00				ed, not enough wat	
	08-Oct-01	DRY	DRY	DRY	DRY	DRY
	08-Oct-01	ND	ND	ND	ND	ND
	10-Oct-02				d, not enough wa	
į	07-Oct-04	ND ND	ND	ND	ND	ND
J	0, 00, 04	""	110	110	110	110
LF10-MW104	01-Nov-97	DRY	DRY	DRY	DRY	DRY
	01-Jun-98	DRY	DRY	DRY	DRY	DRY
1	01-Sep-98	DRY	DRY	DRY	DRY	DRY
	18-Oct-99	DRY	DRY	DRY	DRY	DRY
	25-Oct-00	DRY	DRY	DRY	DRY	DRY
[	05-Oct-01	DRY	DRY	DRY	DRY	DRY
İ	07-Oct-02	DRY	DRY	DRY	DRY	DRY
	09-Oct-03	DRY	DRY	DRY	DRY	DRY
1	06-Oct-04	DRY	DRY	DRY	DRY	DRY
]						
LF10-MW105	01-Oct-96	ND	ND	ND	ND	ND
	01-Nov-97	ND	ND	ND	ND	ND
! :	01-Jun-98	DRY	DRY	DRY	DRY	DRY
l i	01-Sep-98	DRY	DRY	DRY	DRY	DRY
	23-Oct-98	ND	ND	ND	ND	ND
i 1					not enough water	
]					not enough water	•
į į	05-Oct-01	ND	ND	ND	ND	ND
	02-Oct-02	ND	ND	ND	ND	ND
]	10-Oct-03	ND	ND	ND	ND	ND
}	07-Oct-04	ND	ND	ND	ND	ND
01-DM-102S-M	31-Oct-00	DRY	DRY	DRY	DRY	DRY
01-201-1023-101		VOCs only were				DIVI
[	08-Oct-02	DRY	DRY	DRY	DRY	DRY
]		VOCs only were				5,,,
	13-Oct-04	DRY	DRY	DRY	DRY	DRY
1	.5 25.57		,,			
01-DM-102D-M	31-Oct-00	ND	ND	ND	ND	ND
	08-Oct-01	ND	ND	ND	ND	ND
)	08-Oct-02	ND	ND	ND	ND	ND
	30-Sep-03	ND	ND	ND	ND	ND
	13-Oct-04	ND	ND	ND	ND	ND
_ <del></del>						

WPAFB
Final
LTM Report: October 2004
Chapter 2
September 2, 2005

# Table 2-11 Landfill 10 Groundwater Analytical Results Summary - Pesticides/PCBs Wright-Patterson AFB, Ohio Page 5 of 5

LOCATION	DATE	AROCLOR 1242	AROCLOR 1248	AROCLOR 1254	AROCLOR 1260	DIELDRIN
Units		(µg/L)	(µg/L)	(µg/L)	(μg/L)	(μg/L)
Compliance Level - ROD		NCL	NCL	NCL	NCL	NCL
Compliance Level - MCL		NCL	NCL	NCL	NCL	NCL
01-004-M	27-Oct-00 03-Oct-01 02-Oct-02 07-Oct-03	ND ND ND	ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND
	20-Oct-04	ND	ND	ND	ND	ND

\* = MW06A DUP is a separate well

NCL = No Compliance Level set for these chemicals

ND = Not Detected

NS = Not Sampled During this Round

μg/L = micograms per liter

### Table 2-12 Landfill 10 Groundwater Analytical Results Summary - Inorganics Wright-Patterson AFB, Ohio Page 1 of 4

LOCATION	DATE	ARSENIC	BERYLLIUM	CADMIUM	COPPER	CYANIDE	IRON	LEAD	ZINC	AMMONIA
Units Compliance Level BOD		μg/L	µg/L	µg/L	µg/L	μg/L	<u>μg/L</u>	µg/L	μ <b>9/</b> L	<u>μg/L</u>
Compliance Level - ROD Compliance Level - MCL		50	0.02	NCL 5	NCL 1,300	NCL 200	NCL NCL	NCL 15	NCL NCL	NCL NCL
COMPANICE LEVEL - MICE		<del>  ~~</del> ~		<u>-</u> -	1,300		1102		1102	.,,,,,
LF10-MW03A	19-Jan-92	ND	ND	ND	6 J	NS	ND	2 J	ND	NS
	26-Oct-00	ND	ND	ND	34	ND	7.500	9.9	ND	200
	26-Apr-01	ND	ND	ND	ND	NS	7,000	3.0	72	NS
	05-Oct-02		SVOCs samples colle					_=	<del>-</del>	
	30-Apr-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	11-Oct-02	ND	ND	ND	ND	ND	7,200	3.1	ND	ND
	08-Apr-03	ND O=1-1/OC1	ND	ND	ND	NS	3,300 NS	ND	ND	NS NS
	16-Oct-03 29-Apr-04	ND ND	Cyanide samples coll ND	ectea, not enough w ND	ND	ND NS	720	NS ND	NS ND	NS
	13-Oct-04	ND	ND	ND	ND	ND	5,700	ND	ND	ND
LF10-MW05B	01-Nov-97	ND	ND	ND	ND	ND	500	ND	ND	NS
	23-Oct-98	ND	ND	ND	ND	ND	390	ND	ND	800
Duplicate	23-Oct-98	ND	ND	ND	ND	ND	430	ND	ND	1,000
i	12-Oct-99	ND	ND	ND	ND	ND	290 210	ND ND	ND	800 300
	25-Oct-00 23-Apr-01	ND ND	ND ND	MD DN	ND ND	ND NS	240	ND ND	ND ND	NS
	03-Oct-01	ND	ND	ND	ND ND	ND	250	ND	NO	600
Duplicate	03-Oct-01	NO NO	ND ND	ND ND	ND ND	25	250 250	ND	ND	600
Dupircate	30-Apr-02	ND	ND ND	ND	ND	NS	130	ND	ND	NS
	02-Oct-02	ND ND	ND	ND	ND	ND	140	ND	ND	800
Duplicate	02-Oct-02	ND	ND	ND	ND	ND	140	ND	ND	800
Sapredio	21-Apr-03	ND ND	ND	ND	ND	NS	ND	ND	ND	NS
Duplicate	21-Apr-03	ND	ND	ND	ND	NS	ND	NO	ND	NS
	30-Sep-03	ND	ND	ND	ND	ND	510	ND	ND	800
Duplicate	30-Sep-03	ND	ND	ND	ND	ND	470	ND	ND	700
•	23-Apr-04	ND	ND	ND	ND	NS	ND	ND	ND	NS
Duplicate	23-Apr-04	ND	ND	ND	ND	NS	ND	ND	ND	NS
	04-Oct-04	ND ND	ND	ND	ND	ND	210	ND	ND	700
Duplicate	04-Oct-04	ND	ND	ND	ND	ND	230	ND	ND	800
F10-MW05C	01-Nov-97	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
-1 IO-MIVVOOC	30-Oct-98	NS NS	NS	NS NS	NS	NS NS	NS	NS	NS	NS
	14-Oct-99	ND ND	ND ND	ND ND	ND ND	ND	1,800	ND	ND	ND
	25-Oct-00	ND	ND ND	ND	ND	ND	9,900	3.4	ND	700
	03-Oct-01	ND	ND	ND	ND	12	3,100	ND	ND	300
	02-Oct-02	ND	ND	ND	ND	ND	3,300	ND	ND	ND
!	30-Sep-03	ND	ND	ND	ND	ND	ND	ND	ND	ND
	06-Oct-04	ND	ND	ND	ND	ND	1,300	ND	ND	ND
E40 MAIAIOCA	10 14 04		NE	ND	N.D.	ND	130	NO	25.0	940
_F10-MW06A	19-May-91	ND	ND	ND ND	ND	ND ND	136 459 J	ND 1 J	26.8	840 NS
	28-Aug-91 30-Jan-92	2 J ND	ND ND	ND ND	ND	ND NS	459 J 28 J	3 J	49 J ND	NS NS
	30-Jan-92 01-Oct-96	ND ND	ND ND	0.8	3 J ND	ND ND	7,060	(15)	ND ND	NS NS
	01-Oct-96 01-Nov-97	ND	ND ND	ND	ND	ND	1,700	ND ND	ND	NS
	27-Oct-98	ND ND	ND	ND	ND	ND	190	ND	ND	700
	12-Oct-99	ND ND	ND	ND	ND	ND	130	ND	ND	800
ļ	25-Oct-00	ND	ND	ND	ND	ND	140	ND	ND	700
l	25-Арг-01	ND	ND	ND	ND	NS	ND	ND	ND	NS
i i	08-Oct-01	ND	ND	ND	ND	ND	1,800	ND	ND	ND
i	30-Apr-02	ND	ND	ND	ND	NS	130	ND	ND	NS
l	10-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	700
	08-Apr-03	ND	ND	ND	ИD	NS	ND	ND	ND	NS
\	13-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	600
	22-Apr-04	ND	ND	ND	ND	NS	ND	ND	ND	NS
ļ	11-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	700
F10-MW06A DUP**	25-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
I TO MITTOUR DUP	09-Oct-01		DR1 es collected, not enou			-	-	-	- DK1	-
	10-Oct-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
l	14-Oct-03	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Į			es collected, not enou		-					_
								_		
F10-MW06B	30-May-91	4 J	ND	ND	5.7 J	ND	ND	2 J	ND	ND
I	01-Oct-96	ND	ND	ND	ND	ND	1,020	ND	86	NS
ļ	01-Nov-97	ND	ND	ND	ND	ND	900	ND	ND	NS
1	26-Oct-98	ND	ND	ND	ND	ND	1,400	ND	ND	ND
ſ	12-Oct-99	ND	ND	ND	ND	NO	670	ND	ND	ND
j	25-Oct-00	ND	ND	ND	ND	ND	880	3.7	ND	NS 700
I	08-Oct-01	ND	ND	ND	ND	ND	280	ND	ND	700
ļ										
l	10-Oct-02 13-Oct-03	(11) (13)	ND ND	ND ND	ND ND	ND ND	1,300 1,300	ND ND	ND ND	ND ND

### Table 2-12 Landfill 10 Groundwater Analytical Results Summary - Inorganics Wright-Patterson AFB, Ohio Page 2 of 4

LOCAT		DATE	ARSENIC	BERYLLIUM	CADMIUM	COPPER	CYANIDE	IRON	LEAD	ZINC	AMMONIA
Units			μg/L	μα/L	ид/L	μg/L	μg/L	μ <b>g/</b> L	μ <b>g/</b> L	μα/L	μg/L
	Level - ROD		11	0.02	NCL	NCL	NCL	NCL	NCL	NCL.	NCL
Compliance	Level - MCL		50	4	5	1,300	200	NCL	15	NCL	NCL
LF10-MW07A		21-May-91	10 J	ND	ND	ND	ND	3,540 J	2 J	ND	ND
		26-Aug-91	(12 J)	(U.9.J)	ND	ND	NS	39,600	(20 J)	166 J	NS
		28-Jan-92	(12)	ND	ND	3 J	NS	2,800	ND	ND	NS
		26-Oct-00	(12)	ND	ND	ND	ND	3,700	ND	ND	200
	Duplicate	26-Oct-00	(12)	NO	ND	ND	ND	3,500	ND	ND	ND
	·	23-Apr-01	ND	ND	ND	ND	NS	3,500	ND	ND	NS
	Duplicate	23-Apr-01	ND	ND	ND	ND	NS	3,400	ND	ND	NS
1		04-Oct-01	ND	ND	ND	ND	ND	3,600	ND	ND	ND
	Duplicate	04-Oct-01	ND	ND	ND	ND	10	3,700	ND	ND	ND
	_	30-Apr-02	(11)	ND	ND	ND	NS	3,600	ND	ND	NS
	Duplicate	30-Apr-02	ND	ND	ND	ND	NS	3,800	ND	ND	NS
		03-Oct-02	ND	ND	ND	ND	ND	3,400	ND	ND	300
	Duplicate	03-Oct-02	ND	ND	ND	ND	ND	3,200	ND	ND	400
	Duplicate	21-Apr-03 21-Apr-03	ND 10	ND ND	ND ND	ND	NS	4,100	ND	ND	NS
	Dupicale	08-Oct-03	ND	ND	ND	ND ND	NS ND	4,000 3,900	ND	ND	NS 200
	Duplicate	08-Oct-03	ND ND	ND	ND ND	ND ND	ND ND	3,800	ND ND	ND ND	200 200
	Dupicate	23-Apr-04	10	ND	ND	ND	NS	4,300	ND	ND	NS
	Duplicate	23-Apr-04	NĎ	ND	ND	ND	NS	4,100	ND	ND	NS
		11-Oct-04	ND	ND	ND	ND	ND	4,100	ND	ND	ND
l	Duplicate	11-Oct-04	ND	ND	ND	ND	ND	4,200	ND	ND	ND
ı	,		l -					.,		. 10	
LF10-MW07B	Į	26-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	i	04-Oct-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	j	04-Oct-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	l	08-Oct-03	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	j	20-Oct-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
. = 40 . 00	1		_								
LF10-MW07C	I	17-May-91	5 J	ND	ND	8 J	ND	271	ND	87 J	6030
	Į.	27-Aug-91	(11 J)	ND	ND	ND	NS	6,380	2 J	33 J	NS
		27-Jan-91	8 J	ND	, ND	3 J	NS	164 J	2 J	ND	NS
		26-Oct-00		ioxin samples collec						_	
		04-Oct-01 04-Oct-02	(16) ND	ND ND	ND ND	ND	NS'	3,200	ND	ND	NS*
	ı	09-Oct-03	ND	ND	ND ND	31 ND	ND ND	2,000 1,500	ND ND	ND ND	4,200
l	ł	11-Oct-04	ND ND	ND ND	ND	ND	ND ND	ND	ND ND	ND	4,500 1,900
		17 001 04	110	110	110	ND	ND	NO	NO	NO	1,300
LF10-MW08A-2		01-Nov-97	ND	ND	ND	ND	ND	10,000	5.0	ND	NS
		20-Oct-98	ND	ND	ND	ND	ND	1,200	ND	ND	ND
		13-Oct-99	ND	ND	ND	ND	ND	1,400	ND	ND	200
	Duplicate	13-Oct-99	ND	ND	ND	ND	ND	1,400	ND	ND	ND
	- 1	18-Oct-00	ND	ND	ND	ND	ND	1.500	ND	ND	ND
	l	25-Apr-01	ND	ND	ND	ND	NS	1,500	ND	ND	NS
	I	04-Oct-01	ND	ND	ND	ND	16	3.500	ND	ND	ND
	I	01-May-02	ND	ND	ND	ND	NS	1,400	ND	ND	NS
	1	16-Oct-02	ND	ND	ND	ND	ND	850	ND	ND	ND
	1	15-Apr-03	ND	ND	ND	ND	NS	1.300	ND	ND	NS
	- 1	06-Oct-03	ND	ND	ND	ND	ND	510	ND	ND	ND
		19-Apr-04 13-Oct-04	ND ND	ND ND	ND ND	ND	NS 43	1,100	ND	ND	NS
		13-061-04	ND	ND	ND	ND	42	6,200	ND	ND	ND
LF10-MW08B		01-Oct-96	(232)	(2.0)	3.3	67	ND	99,000	(50)	331	NS :
	i	01-002-90 01-Nov-97	(50)	ND	ND	30	ND ND	41,000	(24)	110	NS NS
	1	29-Oct-98	ND	ND	ND	ND	ND	360	ND	52	ND
	Duplicate	29-Oct-98	ND	ND	ND	ND	ND	360	ND	ND	ND
	1	13-Oct-99	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	l	26-Oct-00	ND	ND	ND	ND	ND	1,000	ND	ND	ND
	Į.	08-Oct-01	ND	ND	ND	ND	ND	470	ND	ND	200
		14-Oct-02	ND	ND	ND	ND	ND	1,600	ND	ND	ND
	1	09-Oct-03	ND	ND	ND	ND	36	1,200	ND	ND	300
		18-Oct-04	ND	ND	ND	ND	ND	1,000	ND	ND	500
E10 MINOO 4	1	01.04.00	NE	ND	NE			0.550			
LF10-MW09A	1	01-Oct-96	ND	ND ND	ND ND	ND	ND	2,550	6.0	ND	NS
	1	01-Nov-97 01-Nov-98	ND ND	ND ND	ND ND	ND	ND	2,500	ND	ND	NS
	1	18-Oct-99	ND ND	ND ND	ND ND	ND ND	ND ND	2,700	ND	ND ND	ND ND
	i i	30-Oct-00	ND ND	ND	ND	ND ND	ND ND	1,900 1,800	ND ND	ND ND	ND ND
		03-Oct-01	ND	ND	ND	ND	ND	1,600	ND	ND ND	300
	J	07-Oct-02	ND	ND	ND	ND ND	ND	1,300	ND ND	ND ND	ND ND
	1	30-Sep-03	ND	ND	ND	ND	ND	450	ND	ND	ND
		11-Oct-04	ND	ND	ND	ND	ND	1,000	ND	ND	ND
	ŀ		_		-			.,			
_F10-MW09B	J	01-Oct-96	ND	ND	ND	ND	NO	2,550	6.0	ND	NS
		01-Nov-97	10	ND	ND	ND	ND	7,500	ND	ND	NS
	1	19-Oct-98	(13)	ND	ND	ND	ND	7.500	ND	ND	ND
	l	18-Oct-99	(13)	ND	ND	ND	ND	7.100	ND	ND	200
	ſ	26-Oct-00	(15)	ND	ND	ND	ND	7,800	ND	ND	200
		03-Oct-01	(14)	ND	ND	ND	18	7.700	ND	ND	200
		07-Oct-02	(14)	ND	ND	ND	ND	9,000	ND	ND	400
		30-Sep-03	(13)	ND	ND	ND	ND	10,100	ND	ND	200
		11-Oct-04	(16)	ND	ND	ND	ND	9,900	ND	ND	200

### Table 2-12 Landfill 10 Groundwater Analytical Results Summary - Inorganics Wright-Patterson AFB, Ohio Page 3 of 4

LOCATION		DATE	ARSENIC	BERYLLIUM	CADMIUM	COPPER	CYANIDE	IRON	LEAD	ZINC	AMMONIA
Units			μg/L	μg/L	μg/L	µg/L	μο/L	μ <b>g/</b> L	μ <b>g/</b> L	μд∕L	µg/L
Compliance Les Compliance Les			11 50	0.02	NCL 5	1,300	NCL 200	NCL NCL	NCL 15	NCL NCL	NCL NCL
Campanicale	VOI - MICE		<del>├──</del>			1,300		1100		NOL .	NOL
LF10-MW09C		01-Oct-96	ND	(1.0)	0.9	68	ND	67,300	(48)	263	NS
i		01-Nov-97	10	ND	ND	ND	ND	30,000	ND	ND	NS
Į.		29-Oct-98	ND	ND	ND	ND	ND	1.500	ND	ND	600
Ĭ		18-Oct-99 30-Oct-00	(15) (16)	ND ND	ND ND	ND ND	ND ND	5,100 6,700	ND ND	ND ND	400 400
1		25-Apr-01	ND ND	ND	ND	ND	NS	960	ND	ND	NS
		03-Oct-01	ND	ND	ND	ND	ND	280	ND	ND	300
<b>,</b>	1	01-May-02	ND	ND	ND	ND	NS	1,500	ND	ND	NS
	Duplicate	01-May-02	ND ND	ND	ND	ND	NS	1,400	ND	ND	NS 200
		07-Oct-02 22-Apr-03	ND ND	ND ND	ND ND	ND ND	ND NS	1,000 1,800	ND ND	ND ND	300 N\$
		30-Sep-03	ND	ND	ND	ND	ND	1,300	ND	ND	ND
		23-Apr-04	(16)	ND	ND	ND	NS	6,100	ND	ND	NS
ŀ		11-Oct-04	DN	ND	ND	ND	ND	3,400	ND	ND	400
LF10-MW10C		16 May 01		ND	ND	ND	ND	75 J	2 J	ND	ND .
LE TO-MINT TOC	}	16-May-91 23-Aug-91	2 J	ND ND	ND	ND ND	NS	5,210	2 J	ND	NS I
		30-Jan-92	ND	ND	ND	ND	NS	2,720	ND	ND	NS I
ļ	- 1	30-Oct-00	ND	ND	ND	ND	ND	600	ND	ND	ND
i		26-Apr-01	ND	ND	ND	ND	NS	370	ND	ND	NS
ì	ì	09-Oct-01	ND	ND	ND	ND	15	740	ND	ND	ND
1		01-May-02 08-Oct-02	ND ND	ND ND	ND ND	ND ND	NS ND	170 210	ND ND	ND ND	NS ND
	1	08-Oct-02 08-Apr-03	ND ND	ND ND	ND DN	ND ND	NS NS	120	ND	ND ND	NS NS
(	Duplicate	08-Apr-03	ND	ND	ND	ND	NS	130	ND	ND	NS
ĺ		30-Sep-03	ND	ND	ND	ND	ND	210	ND	ND	ND
		22-Apr-04	ND	ND	ND	ND	NS	ND	ND	ND	NS
	Duplicate	22-Apr-04 06-Oct-04	ND ND	ND ND	ND ND	ND ND	NS ND	ND 170	ND ND	ND ND	NS ND
1	i	JO-UCI-U4	, ND	IAD	NU	ND	NU	170	INU	ND	NU
LF10-MW11A	ĺ	01-Oct-96	ND	ND	ND	ND	ND	1,760	ND	ND	NS
ĺ		01-Nov-97	ND	<b>N</b> D	ND	ND	ND	2,600	ND	ND	NS
ļ		26-Oct-98	ND	ND	ND	ND	ND	1,100	ND	ND	200
	Duplicate	26-Oct-98 14-Oct-99	ND ND	ND ND	ND ND	ND ND	ND ND	1,100 1,100	ND ND	ND ND	ND ND
	Duplicate	14-Oct-99	ND ND	ND	ND	ND	ND	1,100	ND	ND	200
[		30-Oct-00	ND	ND	ND	ND	ND	1.200	ND	ND	ND
,	Duplicate	30-Oct-00	ND	ND	ND	ND	ND	1.200	ND	ND	ND
l .		04-Oct-01	ND	ND	ND	ND	16	990	ND	ND	ND
1	Duplicate	04-Oct-01 03-Oct-02	ND ND	ND ND	ND DN	ND ND	12 ND	970 720	ND ND	ND ND	ND 200
1	Duplicate	03-Oct-02	ND ND	ND	ND	ND ND	ND	710	ND	ND ND	200
Ì	Capacate	14-Oct-03	ND	ND	ND	ND	ND	1,100	ND	ND	ND
1	Duplicate	14-Oct-03	ND	ND	ND	ND	ND	1,300	ND	NO	ND
	ſ	11-Oct-04	NĐ	ND	ND	ND	ND	2.000	ND	ND	ND
LF10-MW11B	ł	01-Oct-96	ND	ND	ND	ND	ND	12,100	12	58	NS
		01-Nov-97	10	ND	ND	20	ND	22,000	13	60	NS
	l	26-Oct-98	ND	ND	ND	ND	ND	2,900	ND	300	ND
	[	14-Oct-99	ND	ND	ND	ND	ND	3,400	ND	ND	200
Ì	ì	30-Oct-00	ND	ND ND	ND ND	ND ND	ND ND	3,100	ND ND	ND ND	ND ND
!	Duplicate	05-Oct-01 08-Oct-01	ND ND	ND	ND ND	ND	21	3,200 2,000	ND	ND	ND
· ·	O upilouto	03-Oct-02	ND	ND	ND	ND	ND	3,100	ND	ND	ND
	- {	15-Oct-03	ND	ND	ND	ND	ND	5,100	ND	ND	ND
	1	12-Oct-04	ND	ND	ND	ND	ND	4.000	ND	ND	ND
·	Duplicate	12-Oct-04	ND	ND	ND	ND	ND	3.900	ND	ND	ND
LF10-MW102		01-Nov-97	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	j	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	l	29-Oct-98	NS	NS	NS	NS	NS	NS 	NS 	NS 	NS _
	-	18-Oct-99 25-Oct-00	DRY	SVOCs only were co DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	- 1	25-Apr-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	Į.	05-Oct-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	- 1	30-Apr-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	ì	08-Oct-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		23-Apr-03 09-Oct-03	DRY DRY	DRY DRY	DRY DRY	DRY DRY	DRY DRY	DRY DRY	DRY DRY	DRY DRY	DRY DRY
		28-Apr-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	Į.	06-Oct-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
								407		4400	
LF10-MW103	-	01-Oct-96 01-Nov-97	(273)	(10) ND	ND ND	631	ND ND	407,000 27,000	(233) ND	1460 ND	NS NS
	ŀ	01-Nov-97 01-Jun-98	(70) DRY	ND DRY	ND DRY	20 DRY	ND DRY	27,000 DRY	ND DRY	ND DRY	NS DRY
	ì	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	Į	23-Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	NS
		19-Oct-99	(56)	ND	ND	ND	ND	20,300	ND	95	3.400
		26-Oct-00	(47)	ND	ND	ND	NS*	13,400	ND	66	NS*
	)	25-Apr-01	(67)	ND	ND	36 ND	NS NC	22.100	3.4	300 ND	NS )
	- 1	08-Oct-01 30-Apr-02	(110) DRY	ND DRY	ND DRY	ND DRY	NS* DRY	28,300 DRY	ND DRY	ND DRY	NS* DRY
	- 1	08-Oct-02	(22)	ND	ND	ND ND	ND	6,300	ND	360	3,000
		23-Apr-03	(43)	ND	ND	ND	NS	10,600	(110)	67	NS I
		10-Oct-03	(57)	ND	ND	ND	NO	15,400	ND	170	3,200
	- 1	23-Apr-04	(58)	ND	ND	ND	NS	12.600	ND	130	NS
		07-Oct-04	(43)	ND	ND	ND	ND	10.500	ND_	ND	2,600_

### Table 2-12 Landfill 10 Groundwater Analytical Results Summary - Inorganics Wright-Patterson AFB, Ohio Page 4 of 4

LOCATION	DATE	ARSENIC	BERYLLIUM	CADMIUM	COPPER	CYANIDE	IRON	LEAD	ZINC	AMMONIA
Units		μg/l.	μg/L	μ <b>g/L</b>	μg/L	μg/L	μαу∕∟	μg/L	μg/L	μ <b>g/</b> L
Compliance Level - ROD	1	11	0.02	NCL_	NCL	NCL	NCL NCL	NCL	NCL	NCL
Compliance Level - MCL		50		5	1,300	200	NCL	15	NCL	NCL
LF10-MW104	01-Nov-97	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
2, 10 1111, 104	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	18-Oct-99	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	25-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	25-Apr-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	05-Oct-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		DRY	DRY			DRY		DRY	DRY	DRY
	30-Apr-02			DRY	DRY		DRY			
	07-Oct-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	17-Apr-03	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	09-Oct-03	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	29-Apr-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	06-Oct-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
LF10-MW105	01-Oct-96	ND	ND	ND	ND	ND	1,310	ND	ND	NS
	01-Nov-97	ND	ND	ND	20	ND	4.100	ND	ND	ND
	01-Jun-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	01-Sep-98	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	23-Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	NS
	14-Oct-99	ND	ND	ND	ND	NS	570	ND	ND	NS*
	26-Oct-00		nd Dioxins only were			140	370		-	-
	25-Apr-01	ND ND	ND	ND	ND	NS	150	ND	ND	NS
	05-Oct-01	ND	ND	ND	ND	NS	390	ND	ND	NS'
	30-Apr-02	ND	ND			NS NS		ND ND	ND	NS NS
	02-Oct-02	ND ND	ND ND	ND	ND		230		ND	ND ND
				ND	ND	ND	140	ND		
	23-Apr-03	ND	NO	ND	ND	NS	110	ND	ND	NS
	10-Oct-03	ND	ND	ND	ND	ND	1,300	ND	280	200
	29-Apr-04 07-Oct-04	ND ND	ND ND	ND ND	ND ND	NS ND	730 190	ND ND	ND ND	NS ND
	0, 00, 01	""		No	ND	,,,	130	110	,,,,	112
01-DM-102S-M	31-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	08-Oct-01		collected, not enough			-	-	-		-
	08-Oct-02	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	16-Oct-03		collected, not enough			-	-	-		=
	13-Oct-04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
01-DM-102D-M	16-May-91	4.J	ND	ND	ND	ND	ND	ND	ND	NS
1 2 2 2 111	04-Sep-91	(25)	(1 J)	ND	ND	NS	21,700	21 J	ND	NS
l	20-Jan-92	63	ND	ND	9.1	NS	61 J	2 J	5 J	NS
ĺ	31-Oct-00	ND	ND	ND	ND	ND	2,500	4	ND	ND
	25-Apr-01	ND	ND	ND	ND	NS	330	ND	ND	NS
	08-Oct-01	ND ND	ND	ND	ND	ND	7,700	3.9	81	ND
ŀ	01-May-02	ND ND	ND	ND	ND	NS	ND	ND	ND	NS
	08-Oct-02	ND ND	ND	ND ND	ND ND	ND	220	ND	ND	ND
	08-Apr-03	ND	ND	ND ND	ND	NS	ND	ND	ND	NS
1	30-Sep-03	ND ND	ND ND	ND ND	ND ND	ND	ND	ND ND	ND	ND
	22-Apr-04	ND ND	ND ND	ND	ND ND	NS NS	ND	ND ND	ND	NS
	13-Oct-04	ND ND	ND	ND ND	ND ND	48	ND	ND ND	ND	ND
)1-004-M	21-May-91	4 J	ND	ND	ND	NS	419 J	2 J	ND	490
l	05-Sep-91	5 J	ND	ND	ND	NS	1,800	2 J	ND	NS
	27-Oct-00	(16,100)	ND G	ND G	ND G	NO	6.910.000	ND G	ND G	ND
İ	03-Oct-01	(44)	ND	NO	ND	ND	25,100	ND	ND	200
	30-Apr-02	(17)	ND	ND	ND	NS	6,600	ND	ND	NS
Į.	02-Oct-02	(18)	ND	ND	ND	10	11,800	ND	ND	ND
	21-Apr-03	(110)	ND	ND	ND	NS	54,900	ND	ND	NS
l	07-Oct-03	(54)	ND	ND	ND	ND	28,200	ND	ND	ND
l	29-Apr-04	(37)	NO	ND	ND	NS	17,500	ND	ND	NS
į	20-Oct-04	(100)	ND	ND	ND	ND	50,000	ND	ND	ND

NS = Not Sampled NS\* = Well did not produce enough water to collect all samples.

ND = Not Detected ND G = Not Detected, but the reporting limit was elevated due to matrix interference

NCL ≈ No Compliance Level set for these chemicals.
\*\* = MW06A DUP is a separate well

µg/L = micrograms per liter
( ) = Concentration exceeds a compliance level.

## Table 2-13 Landfill 8 Landfill Gas Monitoring Field Measurements Wright-Patterson AFB, Ohio Page 1 of 2

<u> </u>	r						<del>, , , , , , , , , , , , , , , , , , , </del>
Location			١.,.	(0/ \$4-45	- ( 0/ 151 )		
Dist./Dir. From	Date	Probe Press. (2)	Probe		ne / % LEL)	Methane	Community.
Nearest Structure	Monitored	(in. of Hg)	Oxygen (%)	Initial (3)	Sustained (4)	TLV (%) (5)	Comments
Monitor Points LF08-MP001	15 1.102	20.4	10.0	0,0		0.11	
–91 ft West	15-Jul-03	29.1 29.2	19.8 16.2	0/0 0/0		0.11 0.11	
-9111 West	23-Sep-03 20-Feb-04	Pump pulled water				0.11	
ì '	07-Apr-04	28.9	- readings no 9.9	0/0		0.11	
	27-Jul-04	29.1	17.2	0/0		0.11	
	30-Sep-04	29.2	10.2	0/0		0.11	
	30-36p-04	23.2	10.2	0,0		0.11	
LF08-MP002	15-Jul-03	29.1	19.9	0/0	:	0.19	
150 ft West	23-Sep-03	Pump pulled water		ı		0.19	
	20-Feb-04	28.5	6.0	l 0/0	_	0.19	
	07-Apr-04	28.9	20.1	0/0		0.19	
	27-Jul-04	29.1	17.8	0/0		0.19	
	30-Sep-04	29.2	19.3	0/0		0.19	
<b>\</b>	· ·	l .		ĺ			
LF08-MP003	15-Jul-03	29.1	19.8	0/0		0.25	
200 ft West	23-Sep-03	29.2	19.4	0/0		0.25	
	20-Feb-04	28.6	20.2	0/0		0.25	
	07-Apr-04	Pump pulled water	- readings no		-	0.25	
	27-Jul-04	29.1	17.9	0/0		0.25	
	30-Sep-04	29.2	16.7	0/0		0.25	
İ							
LF08-MP004	15-Jul-03	29.1	19.8	0/0	-	0.23	,
-160 ft West	23-Sep-03	Pump pulled water				0.23	
}	20-Feb-04	28.6	20.1	0/0		0.23	
	07-Apr-04	Pump pulled water 29.1	- readings no	0/0		0.23 0.23	
	27-Jul-04 30-Sep-04	Pump pulled water				0.23	
	30-3 <del>e</del> p-04	Fump pulled water	- reaumys no 	I		0.23	
LF08-MP006	15-Jul-03	29.1	16.7	0/0		0.05	
-39 ft South	23-Sep-03	29.2	7.6	0/0		0.05	!
00.0000	20-Feb-04	No reading, ice in o				0.05	
	07-Apr-04	Construction in are			on for readings	0.05	
ľ	27-Jul-04	29.1	8.5	0/0		0.05	
	30-Sep-04	29.2	17.2	0/0		0.05	
LF08-MP007	15-Jul-03	29.1	13.9	0/0		0.06	
50 ft North	23-Sep-03	29.2	19.8	0/0		0.06	
	20-Feb-04	28.5	19.4	0/0		0.06	Leaky valve
	07-Apr-04	28.9	20.2	0/0		0.06	
	27-Jul-04	29.1	19.5	0/0		0.06	
<b>\</b>	30-Sep-04	29.2	19.0	0/0		0.06	
. =00 115000	45 1	00.	40.0		]	0.00	
LF08-MP008	15-Jul-03	29.1	19.8	0/0		0.02	
17 ft North	23-Sep-03	29.2	10.6	1.4/0		0.02	
ł		Pump pulled water				0.02	
į	07-Apr-04 27-Jul-04	Pump pulled water 29.1	- readings no 19.8	t collected 0/0	-	0.02 0.02	
		Pump pulled water				0.02	
1	30-3 <del>e</del> p-04	Fulfip pulled water	- readings no	l collected	*-	0.02	
LF08-MP009	15-Jul-03	29.1	15.7	0/0		0.03	
20 ft North	23-Sep-03	29.2	5.1	0/0		0.03	
	20-Feb-04	28.5	1.3	0/0		0.03	Water in vault, leaky valve
	07-Apr-04	28.9	20.5	0/0		0.03	The state of the s
	27-Jul-04	29.1	5.5	0/0		0.03	
	30-Sep-04	29.2	19.3	0/0		0.03	
		_					
LF08-MP010	15-Jul-03	29.1	0.2	33.2/>100	32.6/>100	0.03	
22 ft North	23-Sep-03	29.2	0.8	36.5/>100	36.5/>100	0.03	
	20-Feb-04	28.5	0.6	38.9/776	38.7/772	0.03	İ
	07-Apr-04	28.9	2.2	40.5/>100	40.4/>100	0.03	
	27-Jul-04	29.1	0.5	42.3/>100	40.9/>100	0.03	
	30-Sep-04	29.2	2.0	43.7/>100	39.8/>100	0.03	

## Table 2-13 Landfill 8 Landfill Gas Monitoring Field Measurements Wright-Patterson AFB, Ohio Page 2 of 2

Location	T	1	· · · · · · · · · · · · · · · · · · ·	1			
Dist./Dir. From	Date	Probe Press. (2)	Probe	(% Methar	ne / % LEL)	Methane	
Nearest Structure	Monitored	(in. of Hg)	Oxygen (%)		Sustained (4)	TLV (%) (5)	Comments
LF08-MP011	15-Jul-03	29.1	16	0/0	Cobamico (1)	0.02	- Commond
17 ft North	23-Sep-03	29.2	9.8	0/0		0.02	
2-17 (CHOIGI	20-Sep-03	28.5	19.4	0/0		0.02	
j	07-Apr-04	28.9	7.4	0/0		0.02	
	27-Jul-04	29.1	9.8	0/0		0.02	
	30-Sep-04	29.1		0/0		0.02	
	30-Sep-04	29.2	8.9	0,0	_	0.02	
LF08-MP012	15-Jul-03	29.1	19.8	0/0		0.02	
13 ft North	23-Sep-03	29.2	0.0	1.2/0		0.02	
10 11 10 11	20-Feb-04	28.5	1.6	0.5/10	0.5/10	0.02	Water in vault, leaky valve
	07-Apr-04	28.9	19.7	0.0/0	0.5/10	0.02	Water in Vacit, leaky valve
	27-Jul-04	29.1	1.4	0/0		0.02	
ļ	30-Sep-04	29.1	19.3	0/0	_	0.02	
	30-3 <del>0</del> p-04	29.2	19.3	0,0	_	0.02	
LF08-MP013	15-Jul-03	29.1	19.9	0/0		0.03	
20 ft South	23-Sep-03	29.2	19.5	0/0		0.03	
20 11 00001	20-Feb-04	28.5	19.0	0/0		0.03	
	07-Apr-04	28.9	19.8	0/0		0.03	
	27-Jul-04	29.1	14.1	0/0		0.03	
	30-Sep-04	29.2	19.3	0/0		0.03	
ļ	30-3 <del>0</del> p-04	25.2	15.5	0,0	-	0.03	
LF08-MW05C	15-Jul-03	29.1	19.8	0/0		0.03	
-25 ft West		Readings not colle				0.03	
2011 11031	20-Feb-04	28.6	20.2	0/0		0.03	
	07-Apr-04	28.9	20.2	0/0		0.03	
	27-Jul-04	29.1	19.5	0/0		0.03	
ŀ	30-Sep-04	29.2	19.3	0/0		0.03	
ĺ	30-Sep-04	25.2	13.5	0/0		0.00	•
Punch <u>bars</u>	15-Jul-03	ATMP	19.8	0/0		0.02	
LF08-PT003	23-Sep-03	ATMP	14.4	0/0		0.02	
12 ft North	20-Feb-04	ATMP	18.5	0/0		0.02	
	07-Apr-04	ATMP	19.8	0/0		0.02	Taken outside of fence due to construction
)	26-Jul-04	ATMP	19.3	0/0		0.02	
	30-Sep-04	ATMP	19.2	0/0		0.02	
	** ***			0,0		5.52	
LF08-PT10A	15-Jul-03	ATMP	19.9	0/0		0.02	
12 ft North	23-Sep-03	ATMP	19.3	0/0		0.02	
	20-Feb-04	ATMP	18.7	0/0		0.02	
	07-Арг-04	ATMP	20.1	0/0		0.02	
	27-Jul-04	ATMP	19.5	0/0		0.02	
	30-Sep-04	ATMP	19.3	0/0		0.02	
	·						
LF08-PT10B	15-Jul-03	ATMP	19.8	0/0		0.01	
-5 ft East	23-Sep-03	ATMP	18.0	0/0		0.01	
	20-Feb-04	ATMP	20.1	0/0		0.02	
	07-Apr-04	ATMP	20.1	0/0		0.02	
	27-Jul-04	ATMP	19.5	0/0		0.02	
	30-Sep-04	ATMP	19.3	0/0		0.02	
	·						
LF08-PT10C	15-Jul-03	ATMP	19.9	0/0		0.01	
5 ft North	23-Sep-03	ATMP	18.3	0/0		0.01	
	20-Feb-04	ATMP	19.9	0/0		0.02	
	07-Apr-04	ATMP	20.1	0/0	-	0.02	
	27-Jul-04	ATMP	19.1	0/0		0.02	
	30-Sep-04	ATMP	19.3	0/0		0.02	

### Notes:

- 1 Abbreviations: in. = inches; ft,bgs = feet below ground surface; Hg = Mercury; TLV = percent combustible gas by volume (see Note 5); NA = not applicable ATMP = atmospheric pressure (open bore hole);
- NT = Not Taken, monitoring probe was not disassembled prior to sustained reading; GBT = Gas barrier trench, N = North, S = South
- 2 Pressure readings taken via pressure valve in unvented cap at top of probe.
- 3. Initial gas concentrations reading taken after purging probe a minimum of 30 seconds.
- Sustained combustible gas concentration reading taken approximately one half hour after removing unvented lid from monitoring probe.
   This reading is only taken if methane and LEL were detected in the initial reading.
- 5. Methane TLV was calculated using the formula T = (0.00125)(H), where T = threshold limit value, H = horizontal distance in feet between probe and closest occupied structure.

## Table 2-14 Landfill 10 Landfill Gas Monitoring Field Measurements Wright-Patterson AFB, Ohio Page 1 of 3

Location		1		, , , , ,	<del></del>		· · · · · · · · · · · · · · · · · · ·
-Dist./Dir. From	Date	Probe Press. (2)	Probe	(% Methano	e / % LEL)	Methane	
Nearest Structure	Monitored	(in. of Hg)	Oxygen (%)	Initial (3)	Sustained (4)	TLV (%) (5)	Comments
Monitor Points							
LF10-MP014	15-Jul-03	29.1	19.6	0/0		0.04	
-30 ft Northwest	23-Sep-03	29.2	10.2	0/0		0.04	
	20-Feb-04	28.6	19.9	0/0		0.04	
Ì	07-Apr-04	28.9	19.8	0/0		0.04	
į .	27-Jul-04	29.1	11.4	0/0		0.04	
	30-Sep-04	29.2	12.6	0/0		0.04	
LF10-MP016	15-Jul-03	29.2	19.5	0/0	-	0.11	
-87 ft Southeast	23-Sep-03	29.2	4.7	0/0	-	0.11	
	20-Feb-04	28.6	3.8	0/0		0.11	
	07-Apr-04	28.9	19.7	0/0		0.11	
	27-Jul-04	29.1	5.4	0/0		0.11	
Į į	30-Sep-04	29.2	6.0	0/0	-	0.11	
LF10-MP018	15-Jul-03	29	7.0	0/0		0.08	
-61 ft North	23-Sep-03	29.2	13.3	0/0		0.08	
011(10/01	20-Feb-04	28.7	11.1	0/0		0.08	
	07-Apr-04	28.9	18.0	0/0		0.08	
ļ	27-Jul-04	29.1	12.7	0/0		0.08	
]	30-Sep-04	29.2	13.8	0/0		0.08	
	30-3ep-04	25.2	13.0	0/0		0.00	
LF10-MP019	15-Jul-03	29.1	11.2	0/0		0.03	
-25 ft West	23-Sep-03	29.2	0.3	0/0		0.03	
ļ	20-Feb-04	28.6	1.1	0/0		0.03	
	07-Apr-04	28.9	10.4	0/0		0.03	
	27-Jul-04	29.1	2.9	0/0		0.03	
	30-Sep-04	29.2	6.3	0/0		0.03	
LF10-MP020	15-Jul-03	29.1	15.3	0/0		0.02	
-18 ft East	23-Sep-03	29.2	5.0	0/0		0.02	
	20-Feb-04	28.6	2.7	0/0		0.02	
	07-Apr-04	28.9	0.7	0/0		0.02	
	27-Jul-04	29.1	6.8	0/0		0.02	
	30-Sep-04	29.2	6.7	0/0		0.02	
. 540 14505	45	00.1	40.0	0.40		0.00	
LF10-MP021	15-Jul-03	29.1	19.8	0/0		0.02	
-17 ft East	23-Sep-03	29.2	20.1	0/0		0.02	
	20-Feb-04	28.7	18.6	0/0		0.02	
i	07-Apr-04	28.9	19.2	0/0		0.02	
	27-Jul-04	29.1	17.8	0/0		0.02	
	30-Sep-04	29.2	19.0	0/0		0.02	
LF10-MP023	15-Jul-03	29.1	19.2	0/0		0.02	
-15 ft Southeast	23-Sep-03	29.2	20.1	0/0		0.02	
.s.r. ssameast	20-Feb-04	28.7	18.6	0/0		0.02	
	07-Apr-04	28.9	18.5	0/0		0.02	
	27-Jul-04	29.1	18.4	0/0		0.02	
ļ	30-Sep-04	29.2	16.9	0/0		0.02	
. <u> </u>	·						
LF10-MP026	15-Jul-03	29.1	18.9	0/0		0.02	
-18 ft East	23-Sep-03	29.2	20.2	0/0		0.02	
[	20-Feb-04	28.7	13.5	0/0		0.02	
1	07-Apr-04	28.9	18.6	0/0		0.02	
	27-Jul-04	29.1	19.5	0/0		0.02	
	30-Sep-04	29.2	18.4	0/0		0.02	

## Table 2-14 Landfill 10 Landfill Gas Monitoring Field Measurements Wright-Patterson AFB, Ohio Page 2 of 3

				Je 2 OT 3			
Location							
Dist./Dir. From	Date	Probe Press. (2)	Probe		e / % LEL)	Methane	
Nearest Structure	Monitored	(in. of Hg)	Oxygen (%)	Initial (3)	Sustained (4)	TLV (%) (5)	Comments
Punchbars							
LF10-PT030	15-Jul-03	ATMP	19.9	0/0		0.09	
-70 ft East	23-Sep-03	ATMP	19.6	0/0		0.09	
	20-Feb-04	ATMP	19.8	0/0		0.09	
	07-Apr-04	ATMP	19.8	0/0		0.09	
i l	26-Jul-04	ATMP	19.4	0/0		0.09	
	30-Sep-04	ATMP	19.3	0/0	 	0.09	
	30-38p-04	ATIVIE	19.5	0/0		0.03	
LF10-PT031	15-Jul-03	ATMP	19.8	0/0		0.09	
-70 ft East	23-Sep-03			0/0		0.09	
-70 IL East		ATMP	17.2				
	20-Feb-04	ATMP	19.8	0/0		0.09	
1	07-Apr-04	ATMP	20.0	0/0		0.09	
	26-Jul-04	ATMP	19.2	0/0		0.09	
	30-Sep-04	ATMP	19.2	0/0		0.09	
LF10-PT035	15-Jul-03	ATMP	19.8	0/0		0.08	
-66 ft East	23-Sep-03	ATMP	16.0	0/0		0.08	
]	20-Feb-04	ATMP	19.2	0/0		0.08	
	07-Apr-04	ATMP	16.3	0/0		0.08	
	26-Jul-04	ATMP	19.3	0/0		0.08	
	30-Sep-04	ATMP	19.1	0/0		0.08	
1	,						
LF10-PT036	15-Jul-03	ATMP	19.9	0/0		0.09	
-69 ft East	23-Sep-03	ATMP	17.0	0/0		0.09	
	20-Feb-04	ATMP	18.8	0/0		0.09	
	07-Apr-04	ATMP	19.9	0/0		0.09	
	26-Jul-04	ATMP	19.2	0/0		0.09	
	30-Sep-04	ATMP	19.3	0/0		0.09	
ļ	30-3ep-04	AIME	15.5	U/U		0.03	
LF10-PT060	15-Jul-03	ATMP	19.9	0/0		0.08	
-65 ft East	23-Sep-03	ATMP	19.3	0/0		0.08	
703 N Last	20-Feb-04		19.5	0/0		0.08	
		ATMP					
1	07-Apr-04	ATMP	19.8	0/0		0.08	
1	26-Jul-04	ATMP	19.3	0/0		0.08	
	30-Sep-04	ATMP	18.6	0/0		0.08	
					İ		
LF10-PT065	15-Jul-03	ATMP	19.8	0/0		0.09	
-69 ft East	23-Sep-03	ATMP	19.3	0/0		0.09	
	20-Feb-04	ATMP	19.7	0/0		0.09	
	07-Apr-04	ATMP	18.9	0/0		0.09	
į l	26-Jul-04	ATMP	19.2	0/0		0.09	
j	30-Sep-04	ATMP	18.4	0/0		0.09	
LF10-PT078	15-Jul-03	ATMP	19.9	0/0		0.05	
-39 ft Northeast	23-Sep-03	ATMP	17.3	0/0		0.05	
	20-Feb-04	ATMP	20.2	0/0	-	0.05	
1	07-Apr-04	ATMP	19.8	0/0		0.05	
1	26-Jul-04	ATMP	19.1	0/0		0.05	
į i	30-Sep-04	ATMP	19.3	0/0		0.05	
1	<b>&gt;p v</b> ,		.5.0				
LF10-PT085	15-Jul-03	ATMP	19.9	0/0		0.08	
-60 ft Soutwest	23-Sep-03	ATMP	19.5	0/0		0.08	
-oo it Goulwest	20-Feb-04	ATMP	20.3	0/0		0.08	
	20-Feb-04 07-Apr-04						
	•	ATMP	19.8	0/0		0.08	
	26-Jul-04	ATMP	19.3	0/0		0.08	
	30-Sep-04	ATMP	19.3	0/0		0.08	

## Table 2-14 Landfill 10 Landfill Gas Monitoring Field Measurements Wright-Patterson AFB, Ohio Page 3 of 3

Location		<del></del>	<del></del>				Ţ
Dist./Dir. From	Date	Probe Press. (2)	Probe	(9/ 140450-	e / % LEL)	Marthaga	
Nearest Structure	Monitored	(in. of Hg)	Oxygen (%)		Sustained (4)	Methane TLV (%) (5)	Comments
THOUSE CHILDREN	NOTE:	(iii. Girig)	Oxygen (10)	17.11.10.1 (0)	Sustained (4)	124 (70)(0)	Comments
LF10-PT088	15-Jul-03	ATMP	19.8	0/0		0.02	
-14 ft Northeast	23-Sep-03	ATMP	19.4	0/0		0.02	
, , , , , , , , , , , , , , , , , , , ,	20-Feb-04	ATMP	20.2	0/0		0.02	
	07-Apr-04	ATMP	18.8	0/0		0.02	
	26-Jul-04	ATMP	19.2	0/0		0.02	
	30-Sep-04	ATMP	19.3	0/0		0.02	
	30-300	711/1	15.5	0,0		0.02	
LF10-PT090	15-Jul-03	ATMP	19.8	0/0		0.24	
-196 ft Southeast	23-Sep-03	ATMP	19.2	0/0		0.24	
	20-Feb-04	ATMP	20.0	0/0		0.24	
	07-Apr-04	ATMP	18.8	0/0		0.24	
	26-Jul-04	ATMP	19.1	0/0		0.24	
	30-Sep-04	ATMP	19.2	0/0		0.24	
'		1	1,1,1	1		0.27	
LF10-PT091	15-Jul-03	ATMP	19.9	0/0		0.28	
-225 ft Southeast	23-Sep-03	ATMP	17.5	0/0	i	0.28	
	20-Feb-04	ATMP	19.3	0/0		0.28	
	07-Apr-04	ATMP	19.8	0/0		0.28	
	26-Jul-04	ATMP	19.2	0/0		0.28	
	30-Sep-04	ATMP	19.3	0/0	<b>j</b>	0.28	
	-			l			
LF10-PT093	15-Jul-03	ATMP	19.8	0/0		0.28	
-225 ft Southeast	23-Sep-03	ATMP	17.3	0/0		0.28	
	20-Feb-04	ATMP	19.3	0/0		0.28	
	07-Apr-04	ATMP	20.1	0/0		0.28	
	26-Jul-04	ATMP	19.3	0/0		0.28	
	30-Sep-04	ATMP	19.3	0/0		0.28	
LF10-PT095	15-Jul-03	ATMP	19.9	0/0		0.38	
-300 ft North		ATMP		0/0	-	0.38	
-300 10 100101	23-Sep-03		17.5	1	] ]		
	20-Feb-04	ATMP	17.8	0/0	1	0.38	
	07-Apr-04	ATMP	20.1	0/0		0.38	
	26-Jul-04	ATMP	19.2	0/0		0.38	
	30-Sep-04	ATMP	18.5	0/0		0.38	
LF10-PT100	15-Jul-03	ATMP	19.8	0/0		0.44	
-350 ft Southeast	23-Sep-03	ATMP	17.5	0/0		0.44	
	20-Feb-04	ATMP	20.2	0/0		0.44	
	07-Apr-04	ATMP	19.8	0/0		0.44	
	26-Jul-04	ATMP	19.3	0/0	[	0.44	
	30-Sep-04	ATMP	19.1	0/0		0.44	
ļ	·					• • • •	
LF10-GBT0S	15-Jul-03	ATMP	19.9	0/0	[	0.09	
-75 ft Southeast	23-Sep-03	ATMP	20.1	0/0		0.09	
	20-Feb-04	ATMP	3.6	5.6/112	6.2/124	0.09	Sample valve not removed to vent
	07-Apr-04	ATMP	5.6	6.7/>100	0.0/0.0	0.09	•
	27-Jul-04	ATMP	5.9	1.8/34	NT	0.09	
	30-Sep-04	ATMP	0.0	34.8/>100	NT	0.09	
	•					-	
LF10-GBT0N	15-Jul-03	Mower damage				0.05	
-39 ft East	23-Sep-03	Location not found				0.05	
	20-Feb-04	Location not found				0.05	
	07-Apr-04	Submerged in wat	er due to con	•	ions	0.05	
	27-Jul-04	ATMP	15.6	5.5/>100	NT	0.05	
_	30-Sep-04	ATMP	18.1	0/0		0.05	

### Notes:

- 1. Abbreviations: in. = inches; ft.bgs = feet below ground surface; Hg = Mercury; TLV = percent combustible gas by volume (see Note 5); NA = not applicable.

  ATMP = atmospheric pressure (open bore hole);
  - NT = Not Taken, monitoring probe was not disassembled prior to sustainted reading; GBT = Gas barrier trench, N = North, S = South
- 2. Pressure readings taken via pressure valve in unvented cap at top of probe.
- 3. Initial gas concentrations reading taken after purging probe a minimum of 30 seconds.
- Sustained combustible gas concentration reading taken approximately one half hour after removing unvented lid from monitoring probe.
   This reading is only taken if methane and LEL were detected in the initial reading.
- 5. Methane TLV was calculated using the formula T = (0.00125)(H), where T = threshold limit value, H = horizontal distance in feet between probe and closest occupied structure.

WPAFB
Final
LTM Report: October 2004
Chapter 2
September 2, 2005

Table 2-15 Landfill 8 Groundwater Levels: July and September 2004 Wright-Patterson AFB, Ohio

Page 1 of 2

Northing	Easting	Ref. Point Elevation (ft)	Screened Interval (ft, bgs)	Well Depth (ft, bgs)	7/28/2004 GW Depth (ft, TOC)	7/28/2004 GW Elevation (ft, MSL)	7/28/2004 QED Readings	9/29/2004 GW Depth (ft, TOC)	9/29/2004 GW Elevation (ft, MSL)	9/29/2004 QED Readings
654353.02	1557135.17	937.59	0.5-55.5	55.5	ВТР	ВТР	529727	49.56	888 03	548394
654397.11	1557201.56	936.73	5.0-55.5	55.5	50.12	886.61	274805	49.58	887.15	286056
654489.76	1557207.60	938.54	5.5-55.5	55.5	49.90	888.64	179241	50.33	888.21	183153
654743.32	1557303.97	934.98	0.5-51.5	51.5	41.52	893.46	209892	41.63	893.35	218062
654948.23	1557341.67	931.04	5.0-55.5	55.0	48.78	882.26	863412	48.78	882.26	922039
655118.39	1557359.59	926.88	5.0-50	50.0	23.85	903.03	550311	23.85	903.03	698519
655232.42	1557225.01	932.99	5.0-55.0	55.0	26.69	906.30	560896	54.15	878.84	639500
655195.68	1557599.06	850.24	24.0-44.0	0.4	3.08	847.16	1	4.25	845.99	
654372.65	1556701.67	949.67	48.5-53.5	94.4	28.19	921.48	1	29.65	920.02	ı
654367.84	1556705.76	949.75	31.3-36.3	36.3	23.18	926.57	ı	27.01	922.74	ı
655031.69	1557606.43	893.37	59.5-64.5	64.5	10.79	882.58		12.07	881.30	1
655330.68	1557334.47	912.56	37.1-47.1	72.7	Ä	Ä	•	15.12	897.44	1
655335.36	1557328.28	913.32	12.0-17.0	17.0	16.31	897.01	ł	18.05	895.27	ı
654725.79	1557463.27	914.49	52.8-57.8	57.8	19.85	894.64	1	20.45	894.04	1
654423.84	1557385.79	894.81	47.5-52.5	52.5	4.54	890.27	1	5.12	69.68	1
654132.39	1557154.35	905.69	23.8-29.4	42.2	9.13	896.56	1	6.31	869.38	1
654123.81	1557144.25	905.92	7.2-15.0	17.0	5.90	900.02	1	9.41	896.51	1
654418.18	1557374.09	894.07	43.7-53.7	26.0	5.09	888.98	١	4.90	889.17	i
654446.85	1557382.85	895.61	11.7-21.7	24.0	12.95	882.66	1	13.35	882.26	ı
656331.63	1557401.92	888.38	22.7-27.7	45.0	16.68	871.70	1	16.20	872.18	ı
656340.94	1557399.60	888.08	8.7-13.7	15.5	9.34	878.74	١	7.99	880.09	ı
654838.64	1557618.29	913.45	51.3-63.0	68.0	30.20	883.25	1	31.40	882.05	1
654829.68	1557624.11	912.76	29.5-37.0	39.0	21.81	890.95	ł	24.51	888.25	ı
654829.72	1557613.08	914.02	21.0-26.0	28.0	19.99	894.03	1	22.50	891.52	ı
654691.07	1556722.51	949.38	59.8-69.8	88.0	29.88	919.50	١	31.04	918.34	;
654680.84	1556732.28	949.17	41.7-51.7	53.8	19.29	929.88	1	24.00	925.17	1
654689.63	1556732.16	949.30	17.75-27.75	30.0	16.25	933.05	1	16.38	932.92	ı
655113.55	1557659.08	891.30	53.5-73.8	80.0	27.28	864.02	1	27.97	863.33	ı
655107.64	1557653.36	890.63	32.75-42.75	45.0	11.23	879.40	-	12.49	878.14	1

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Landfill 8 Groundwater Levels: July and September 2004 Wright-Patterson AFB, Ohio Page 2 of 2 **Table 2-15** 

Well No.	Northing	Easting	Ref. Point Elevation (ft)	Screened Interval (ft, bgs)	Well Depth (ft, bgs)	7/28/2004 GW Depth (ft, TOC)	7/28/2004 GW Elevation (ft, MSL)	7/28/2004 QED Readings	9/29/2004 GW Depth (ft, TOC)	9/29/2004 GW Elevation (ft, MSL)	9/29/2004 QED Readings
LF08-MW06C	655113.21	1557649.54	891.72	7.0-12.0	Ą	DRY	DRY	<b> </b>	DRY	DRY	,
LF08-MW07A	654823.76	1556514.50	952.62	43.7-53.7	64.0	20.99	931.63	ł	22.82	929.80	1
LF08-MW07B	654828.84	1556522.83	952.56	33.0-38.0	40.0	21.90	930.66	t	23.59	928.97	!
LF08-MW07C	654820.00	1556522.84	952.79	24.0-29.0	31.0	21.72	931.07	1	23.56	929.23	1
LF08-MW08A	655232.00	1557715.00	878.70	16.7-32.0	36.0	3.64	875.06	ľ	4.82	873.88	1
LF08-MW08B	655239.55	1557719.53	878.63	16.67-22.0	24.0	3.70	874.93	1	4.79	873.84	1
LF08-MW08C	655231.55	1557721.65	877.72	6.67-11.67	14.0	8.88	868.84	:	9.57	868.15	ı
LF08-MW09A	655488.16	1557938.20	855.38	25.2-30.2	32.5	13.73	841.65	i	13.99	841.39	,
LF08-MW09B	655482.68	1557938.41	856.01	13.67-18.67	20.5	12.97	843.04	1	13.21	842.80	
LF08-MW10A	655375.00	1557511.15	911.86	53.7-63.8	00.99	23.97	887.89	1	25.11	886.75	1
LF08-MW10B	655386.20	1557506.18	912.27	29.8-34.8	39.0	21.29	890.98	ı	22.55	889.72	ı
LF08-MW10C	655385.42	1557520.23	911.83	17.5-22.5	25.0	DRY	DRY	ŀ	ВТР	ВТР	
LF08-MW11A	655424.57	1556948.45	934.37	49.8-54.8	57.0	11.25	923.12	ı	12.41	921.96	1
LF08-MW11B	655430.98	1556930.30	934.95	31.75-42.0	44.3	10.26	924.69	;	11.74	923.21	1
LF08-MW11C	655417.40	1556933.44	935.18	12.25-22.5	23.9	9.31	925.87	1	10.85	924.33	ı
LF08-MW12B	655539.63	1556787.87	936.03	26.2-33.5	35.8	10.91	925.12	i	12.41	923.62	1
LF08-MW12C	655555.19	1556783.70	936.16	6.2-11.2	13.5	11.06	925.10	!	12.56	923.60	1
LF08-MW13A	655659.27	1556720.56	934.01	76.2-86.2	88.5	12.89	921.12	1	13.97	920.04	1
LF08-MW13B	655667.30	1556706.41	933.22	18.5-28.5	30.9	9.80	923.42	;	11.46	921.76	1
LF08-MW13C	655673.31	1556728.07	933.48	7.2-17.2	19.7	10.30	923.18	ł	11.98	921.50	1
LF08-MW14B	655433.83	1556557.46	942.45	24.4-28.9	38.0	11.80	930.65	i	13.00	929.45	1
LF08-MW14C	655452.02	1556567.21	941.75	7.0-17.0	21.2	10.68	931.07	ı	11.76	929.99	ı
LF08-MW101	655115.53	1557381.88	918.41	58.0-68.0	68.0	30.69	887.72	1	31.90	886.51	1
LF08-MW102	654754.18	1557350.72	930.77	63.0-73.0	73.0	36.11	894.66	1	36.97	893.80	:
LF08-MW103	654374.39	1557241.86	927.42	58.0-68.0	68.0	35.50	891.92	1	36.04	891.38	ı

NT - Not taken NA - Information Not Available TOC - Top of Casing

ft - feet

bgs - below ground surface
BTP - Below top of pump
Survey data in boxes is from the Reinke and Associates (Surveyors) survey February 28, 2000.
^ - EW-0805 coordinates from Reinke and Associates "as built" landfill drawings.

WPAFB
Final
Final
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**Table 2-16** 

Landfill 10 Groundwater Levels: July and September 2004 Wright-Patterson AFB, Ohio Page 1 of 2

Well	Ref. Point Elevation	Screened	Well	7/29/2004 GW Deoth	7/29/2004 GW Elevation	7/29/2004 OED	9/29/2004 GW Denth	9/29/2004 GW Flevation	9/29/2004 OFD
	(#)	(ft, bgs)	(ft, bgs)	(ft, TOC)	(ft, MSL)	Readings	(ft, TOC)	(ff, MSL)	Readings
EW-1001	908.28	3.0-53.0	53.0	20.02	858.21	516025	36.40	871.88	561103
EW-1002*	921.32	3.0-53.0	53.0	44.20	877.12	011392	52.08	869.24	668000
EW-1003*	915.68	0.99-0.9	0.99	18.23	897.45	156230	19.80	895.88	156746
EW-1004	923.08	5.0-63.0	63.0	57.55	865.53	010707	57.45	865.63	010828
EW-1006*	915.24	5.0-38.0	38.0	30.02	885.22	015051	30.74	884.50	015190
EW-1008	911.16	0.96-0.9	36.0	39.10	872.06	000934	DRY	DRY	000935
EW-1011	909.31	0.99-0.9	0.99	56.98	852.33	005608	58.47	850.84	006120
EW-1012	891.43	5.0-30.0	35.0	29.70	861.73	147867	28.92	862.51	147867
EW-1013	886.21	5.0-30.0	35.0	30.79	855.42	014474	31.90	854.31	015326
EW-1014	884.90	5.0-30.0	30.0	32.91	851.99	000064	33.84	851.06	990000
EW-1015	907.94	5.0-62.0	62.0	49.61	858.33	006172	48.49	859.45	006393
EW-1016	907.41	5.5-50.5	50.5	42.85	864.56	072003	51.06	856.35	072121
EW-1017*	901.79	3.0-48.0	48.0	46.33	855.46	0001566	47.42	854.37	001566
EW-1018	901.77	2.0-37.0	37.0	28.40	873.37	009048	28.77	873.00	009048
EW-1019	884.74	2.0-52.0	52.0	33.87	850.87	998003	44.27	840.47	046755
EW-1020	868.18	5.0-35.0	35.0	ВТР	ВТР	027751	33.68	834.5	027754
EW-1022	870.55	5.0-65.0	65.0	39.72	830.83	245981	61.08	809.47	257741
EW-1024	891.25	6.0-41.0	41.0	40.03	851.22	321629	39.29	851.96	337741
EW-1025	877.61	3.0-43.0	43.0	37.29	840.32	048337	37.62	839.99	054201
EW-1026*	861.26	6.0-85.0	85.0	83.92	777.34	992786	84.05	777.21	038448
LF10-MW01A	918.50	87.0-92.0	106.0	74.95	843.55	ı	74.93	843.57	I
LF10-MW01B	918.52	27.0-37.0	40.0	22.84	892.68	ı	24.47	894.05	ı
LF10-MW01C	918.57	6.0-11.0	14.0	13.61	904.96	ł	14.42	904.15	1
LF10-MW03A	907.49	86.0-91.0	93.0	89.68	817.81	ŀ	89.72	817.77	1
LF10-MW04B	898.86	113.7-123.7	126.0	98.48	800.38	ŀ	98.99	799.87	I
LF10-MW05B	858.44	27.0-34.2	37.0	19.22	839.22	ł	19.42	839.02	I
LF10-MW05C	859.06	3.42-8.42	11.0	10.24	848.82	ı	ВТР	ı	ı
LF10-MW06A	894.62	74.8-84.8	87.1	71.95	822.67	ŀ	72.02	822.60	ł
.F10-MW06ADUPA	894.78	55.0-65.0	0.99	98.99	827.92	1	66.84	827.94	1
LF10-MW06B	894.09	37.15-42.50	0.4	34.06	860.03	1	34.45	859.64	1
LF10-MW07A	897.54	64.0-69.0	82.0	50.65	846.89	ı	51.07	846.47	1
LF10-MW07B	897.01	19.3-24.3	36.0	27.51	869.50	1	28.81	868.20	-

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Landfill 10 Groundwater Levels: July and September 2004 Wright-Patterson AFB, Ohio **Table 2-16** 

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Well No.	Ref. Point Elevation	Screened Interval	Well Depth	7/29/2004 GW Depth	7/29/2004 GW Elevation	7/29/2004 QED	9/29/2004 GW Depth	9/29/2004 GW Elevation	9/29/2004 QED
	(¥)	(ft, bgs)	(ft, bgs)	(ft, TOC)	(ft, MSL)	Readings	(ft, TOC)	(ft, MSL)	Readings
1 F10-MW07C	897 72	0 33-14 33	18.0	11 60	886.03	1	14.26	993.46	
LF10-MW08A-2	863.35	79.9-89.9	92.5	66.79	796 56	ł	67.55	705.80	l 1
LF10-MW08B	865.09	11.5-16.5	18.7	11.29	853.80	ŀ	Q Y Y	S V	<b>.</b>
LF10-MW09A	877.98	77.0-87.0	88.0	51.05	826.93	ŀ	51.61	826.37	;
LF10-MW09B	878.21	46.4-57.0	61.0	50.60	827.61	1	50.99	827.22	1
LF10-MW09C	878.17	31.05-41.10	45.0	34.35	843.82	1	35.18	842.99	ł
LF10-MW10B	844.40	13.75-23.75	26.0	DRY	DRY	1	DRY	DRY	1
LF10-MW10C	844.19	56.0-66.0	0.89	47.85	796.34	;	48.76	795.43	1
LF10-MW11A	854.20	61.7-71.7	74.0	29.96	824.24	1	30.39	823.81	1
LF10-MW11B	854.52	30.2-40.2	43.0	28.15	826.37	1	28.44	826.08	1
LF10-MW13A	845.53	34.65-44.65	52.0	21.40	824.13	ı	21.86	823.67	ı
LF10-MW13C	845.64	17.0-27.0	40.0	20.75	824.89	ı	21.16	824.48	1
LF10-MW14A	948.58	83.1-98.7	101.0	73.31	875.27	1	73.47	875.11	1
LF10-MW102	891.25	55.0-65.0	65.0	DRY	DRY	1	DRY	DRY	1
LF10-MW103	908.65	32.0-42.0	45.0	32.13	877.52	ŀ	32.10	877.55	ŀ
LF10-MW104	909.40	72.0-82.0	82.0	73.10	836.30	1	69.37	840.03	ŀ
LF10-MW105	873.24	53.0-63.0	65.0	45.34	827.90	ŀ	46.06	827.18	ı
01-DM-101S-M	914.95	41.8-51.8	51.8	36.80	878.15	1	37.13	877.82	ı
01-DM-101D-M	914.54	78.8-83.8	85.0	86.10	828.44	i	DRY	DRY	ı
01-DM-102S-M	844.88	17.9-22.9	98.0	25.90	818.98	1	25.41	819.47	ı
01-DM-102D-M	844.27	51.5-56.5	98.0	47.94	796.33	ı	48.88	795.39	1
01-004-M	880.58	33.0-63.0	63.0	36.30	844.28	1	37.18	843.40	i
01-005-M	839.72	36.0-46.0	46.0	9.10	830.62	1	9.85	829.87	l

NT - Not taken

NA - Information Not Available TOC - Top of Casing

ft - feet

bgs - below ground surface

BTP - Below top of pump ^ - LF10-MW06ADUP is a separate well from LF10-MW06A

Survey data in boxes is from the Reinke and Associates (Surveyors) survey February 28, 2000.

Note: During the July 2004 event, water levels were collected at the extraction wells on July 28 and water levels were collected at the monitoring wells on July 29, 2004.

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# Landfill 10 Landfill Bottom Elevations Wright-Patterson AFB, Ohio **Table 2-17**

Well No.	Easting	Northing	Total Depth <sup>(a)</sup>	Top of Casing	Bottom of	Bottom of	Bottom of	Bottom of
	(#)	(ft.)	£	Elevation	Landfill	LF Elev.	Pump Depth	Pump Elev.
					(ft)	(ft, MSL)	(ft)	(ft, MSL)
EW-1001	1558373	655167	57.5	908.28	13.50	894.78	53.00	855.28
EW-1002	1558408	655241	57.0	921.32	25.00	896.32	54.50	866.82
EW-1003	1558528	655193	65.2	915.68	36.00	879.68	56.40	859.28
EW-1004	1558489	655275	64.7	923.08	27.00	80.968	60.50	862.58
EW-1006	1558419	655401	40.2	915.24	28.00	887.24	32.60	882.64
EW-1008	1558315	655424	38.9	911.16	19.00	892.16	37.00	874.16
EW-1011	1558561	655724	64.5	909.31	30.00	879.31	62.20	847.11
EW-1012	1558469	862559	35.2	891.43	10.00	881.43	34.10	857.33
EW-1013	1558477	988559	34.9	886.21	00'2	12:628	34.00	852.21
EW-1014	1558518	826239	35.1	884.90	00'2	06.778	33.90	851.00
EW-1015	1558681	262599	9.69	907.94	26.00	881.94	52.10	855.84
EW-1016	1558686	62829	26.0	907.41	32.00	875.41	54.00	853.41
EW-1017	1558732	62659	49.0	901.79	22.00	879.79	48.50	853.29
EW-1018	1558630	696559	40.2	901.77	22.00	879.77	34.00	867.77
EW-1019	1558588	£60959	47.2	884.74	2.00	882.74	47.00	837.74
EW-1020	1558723	656335	36.2	868.18	15.00	853.18	35.60	832.58
EW-1022	1558803	656372	68.9	870.55	22.00	848.55	63.90	806.65
EW-1024	1558794	656041	44.4	891.25	15.00	876.25	42.40	848.85
EW-1025	1558824	656301	47.2	877.61	18.00	859.61	44.60	833.01
EW-1026	1558884	626379	88.9	861.26	16.00	845.26	86.40	774.86

Note: Survey completed by Reinke Associates for Kelchener Environmental, February 1996 (a) - Actual well depth as measured by TetraTech, Inc., March 2003.

Inlets for extraction well pumps are at bottom.

Table 3-1 OU5 Monthly Water Levels Wright-Patterson AFB, Ohio Page 1 of 2

	Screened	Ref Point	5/27/2004	5/27/2004	6/29/2004	6/29/2004	7/29/2004	1120/2004
Well No.	Interval	Elevation	Depth to Water	Water Level	Depth to Water	Water Level	Depth to Water	Water Level
	(ft, bgs)	(ft, MSL)	(ft, TOC)	Elev (ft, MSL)	(ft, TOC)	Elev (ft, MSL)	(ft, TOC)	Elev (ft, MSL)
08-020-M	11 -21	790.71	717	11	18.28	772.43	19.44	771.27
08-021-M	13 - 23	790.38	=======================================	Ⅎ	18.70	771.68	19.92	770.46
08-022-M	26 - 36	795.63	3	=	21.69	773.94	22.82	772.81
08-023-M	24 - 34	791.38	4	Ⅎ	10.40	780.98	10.78	780.60
08-523-M	5.5 - 15.5	289.86	=	=	Ο̈ν	1	ρί	ı
08-524-M	5.4 - 15.4	789.61	=	Ⅎ	11.22	778.39	12.00	777.61
08-525-M	6.0 - 16	791.51	1	3	15.44	776.07	16.27	775.24
08-526-M	6.4 - 16.4	790.53	-1	-1	Dry	:	٥	1
08-527-M	6.0 - 16	788.60	=======================================	Ⅎ	Dry	;	ΔÓ	ı
08-528-M	7.5 - 17.5	790.04	=======================================	=======================================	18.09	771.95	ρχ	
CW04-060	49.7 - 59.7	791.76	=======================================	3	20.15	771.61	21.45	770.31
CW05-055	45 - 55	793.19	岀	3	21.77	771.42	22.90	770.29
CW05-085	75-85	793.53	=======================================		22.65	770.88	Baby Birds	1
CW06-077	22 - 72	792.92	Ⅎ	-1	20.42	772.50	21.55	771.37
CW07-055	44.5 - 54.5	794.43	ⅎ	Ⅎ	18.49	775.94	19.11	775.32
CW07-100	90 - 100	792.34	ⅎ	1	14.01	778.33	14.16	778.18
CW08-017	6.8 - 16.8	792.32	=======================================		15.83	776.49	16.70	775.62
CW08-055	44.7 - 54.7	792.06	=======================================	_	13.67	778.39	13.87	778.19
CW08-110	100 - 110	790.95	Ⅎ		12.57	778.38	12.71	778.24
CW09-073	63 - 73	790.95	=======================================	3	20.02	770.93	21.82	769.13
CW10-055	45 - 55	792.30	=======================================		22.58	769.72	24.45	767.85
CW12-085	75 - 85	789.33		_	9.78	779.55	10.11	779.22
CW13-085	75 - 85	96.062		3	9:28	781.38	9.88	781.08
CW15-055	45 - 55	790.78	=======================================	_	20.71	70.077	22.57	768.21
CW21-040	30 - 40	794.88	긤	<b>=</b>	17.07	777.81	17.71	717.17
CW22-018	8.0 - 18	796.34	=======================================	7	17.70	778.64	18.23	778.11
HD-10D	29 <b>-</b> 69	792.80	22.88	769.92	20.97	771.83	22.77	770.03
HD-11D	71 - 81	791.42	21.60	769.82	19.61	771.81	21.39	770.03
HD-12S	14 - 24	791.13	втор	:	втор	ı	втор	1
HD-12M	44 - 54	792.03	21.22	770.81	19.26	772.77	21.00	771.03
HD-13S	22.5 - 32.5	789.17	Birds Nest	:	Birds Nest	ı	19.07	770.10
HD-13D	96 - 106	789.96	20.08	769.88	18.68	771.28	19.94	770.02
HD-14S	22.5 - 32.5	790.47	22.53	767.94	20.41	770.06	22.27	768.20
MW130S	29.03 - 38.8	792.12	21.30	70.82	19.31	77.81	21.01	771.11
MW 13.1M	28.3 - 58.3	762.92	7.02	06.90	15.04	7/1.88	10.80	7.0.06
MW 131D	103 - 113	700.03	- 7.90 24.24	769.93	15.91	36.177	17.71	769.12
MW1335	43.4.53.4	789.11	20.44	768.67	18.31	770.80	20.0%	768 02
AAV133D	505 605	788 72	10.01	768.80	17.80	220.022	10.55	769.07
P17-1	40-033	794.62	76:61	200	10.30	784.32	54.01	784 17
PZ-1	14 - 24	789.77	] =	] =	14 77	775.00	15.98	773 79
PZ-2	13 - 28	790.33	=	1 =	17.00	773.33	18.30	772.03
PZ-3	14 - 24	790.05	 	=======================================	14.70	775.35	15.76	774.29
PZ-4	5.0 - 10	792.87	_ 	Ⅎ	7.98	784.89	8.34	784.53
PZ-5	2.0 - 7.0	99.062	=======================================		5.52	785.14	5.87	784.79
17W-01	45 - 65	791.46	∄:	∃:	20.00	771.46	21.14	770.32
EW-1	9.5 - 73.5	809.67	ור	=	38.70	770.97	39.60	770.07

ft, bgs - feet below ground surface ft, TOC - feet below top of casing ft, MSL - feet above mean sea level.

LL - Lost Log BTOP - Below Top of Pump -- - No reading available.

els )hio Table 3-1 OU5 M Wright

eve	ō	
_	AFB,	
Water	η	of 2
	rso	$\sim$
thi	Patterson	Page 2
Monthly	<u>₹</u>	

Ţ		Ţ						_			_		_		_				_							_							_			_				_				_
10/27/2004	Water Level	771 50	770.71	772.98	780.57	1	777.66	775.30	;	;	1	770.71	770.30	770.22	771.68	775.23	777.24	777 20	777 18	769.84	768.80	778.93	780.99	769.08	777.23	778.13	770.46	04:07	771.36	99.692	771.29	768.98	771.72	170.51	769 16	769.64	769.74	784.19	774.03	772.41	774.46	784.55	770.48	768.58
10/27/2004	Depth to Water	10 12	19.67	22.65	10.81	Duy	11.95	16.21	Dry	Dry	Dry	21.05	22.89	23.31	21.24	19.20	15.10	10.04	12,47	21.11	23.50	10.40	9.97	21.70	17.65	18.21	22.34	ATOP	20.67	19.51	18.67	21.49	20.40	16.41	20.30	19.47	18.98	10.43	15.74	17.92	15.59	8.32	20.98	41.09
9/30/2004	Water Level	770.95	770.10	772.56	780.92	1	777.30	774.68	•	i	ı	770.25	769.57	769.46	771.04	774.59	776.63	07.077	776.56	60 692	767.96	778.30	89.622	768.25	776.77	777.78	769.99	109.74	770.73	96.692	769.90	768.33	771.01	750.05	768.44	769.05	769.15	783.72	773.61	772.00	774.09	784.16	769.79	767.41
9/30/2004	Deptin to Water (fr. TOC)	19.76	20.28	23.07	10.46	Ory	12.31	16.83	οίλ	οιγ	ρ	21.51	23.62	24.07	21.88	19.84	15.71	45.24	14.39	21.86	24.34	11.03	11.28	22.53	18.11	18.56	22.81	BTOP	21.30	19.21	20.06	22.14	21.11	17.04	21.02	20.06	19.57	10.90	16.16	18.33	15.96	8.71	0. <b>22</b> 21.67	40.04
8/31/2004	Water Level	771.12	770.35	772.47	780.32	•	777.21	774.96	1	:	ı	769.97	770.54	770.62	771.26	C0.C//	76.777	778.00	778.05	768.91	767.61	778.98	780.81	767.98	776.85	777.84	720.20	77:07:	770.88	769.87	769.81	767.92	770.97	769.93	768.14	768.63	768.75	783.97	773.41	771.59	773.86	784.27	771.42	770 19
8/31/2004	(ft. TOC)	19.59	20.03	23.16	11.06	صر ا	12.40	16.55	مَ	مُ	مُمْ	21.79	22.65	22.91	21.66	20.00	14.37	50.71	12.90	22.04	24.69	10.35	10.15	22.80	18.03	18.50	23.20	BTOP	21.15	19.30	20.15	22.55	21.15	10.71	21.32	20.48	19.97	10.65	16.36	18.74	16.19	8.60	20.04	30.48
Ref. Point	(ft. MSL)	790.71	790.38	795.63	791.38	789.86	789.61	791.51	790.53	788.60	790.04	791.76	793.19	793.53	792.92	04.40	702.34	702.06	790.95	790.95	792.30	789.33	790.96	790.78	794.88	796.34	792.80	791.13	792.03	789.17	289.96	790.47	792.12	787.83	789.46	789.11	788.72	794.62	789.77	790.33	790.05	792.87	791.46	809.67
Screened	(ft. bas)	11-21	13 - 23	26 - 36	24 - 34	5.5 - 15.5	5.4 - 15.4	60-16	6.4 - 16.4	6.0 - 16	7.5 - 17.5	49.7 - 59.7	45 - 55	75-85	77 - 79	0.40-04.0	90 - 100 8 16 9	44.7 - 54.7	100 - 110	63 - 73	45 - 55	75-85	75 - 85	45 - 55	30 - 40	8.0 - 18	29 - 68	14 - 24	44 - 54	22.5 - 32.5	96 - 106	22.5 - 32.5	29.03 - 38.8	105 - 115	38.5 - 48.5	43.4 - 53.4	59.5 - 69.5	4.0 - 9.4	14 - 24	13 - 28	14 - 24	5.0 - 10	45 - 65	95-735
Wien No.		08-020-M	08-021-M	08-022-M	08-023-M	08-523-M	08-524-M	08-525-M	08-526-M	08-527-M	08-528-M	CW04-060	CW05-055	CW05-085	CW06-077	CW07-055	CW07-100	CW08-055	CW08-110	CW09-073	CW10-055	CW12-085	CW13-085	CW15-055	CW21-040	CW22-018	201-01	HD-12S	HD-12M	HD-13S	HD-13D	HD-14S	MW130S	MW131M	MW132S	MW133S	MW133D	P17-1	PZ-1	PZ-2	PZ-3	724 07 5	72-3 TTW-01	EW-1

## Table 3-2 OU5 Groundwater Treatment System Water Quality Analytical Results and VOCs Removed<sup>1</sup> Wright-Patterson AFB, Ohio

<del> </del>	Units	Location	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04
VOCs								
cis-1,2-DCE	μg/L	Influent	15	20	22	18	11	15
	μg/L	Effluent	1.2	1.7	ND	ND	1.1	2.3
trans-1,2- DCE	μg/L	Influent	ND	1.1	ND	1.0	ND	ND
	μg/L	Effluent	ND	ND	ND	ND	ND	ND
Vinyl Chloride	μg/L	Influent	ND	ND	ND	ND	ND	1.1
	μg/L	Effluent	ND	ND	ND	ND	ND	ND
Chlorobenzene	μg/L	Influent	ND	ND	ND	ND	ND	ND
	μg/L	Effluent	ND	ND	ND	ND	ND	ND
TCE	μg/L	Influent	22	30	32	30	23	21
	μg/L	Effluent	ND	1.3	ND	ND	ND	ND
Methylene Chloride	μg/L	Influent	ND	ND	ND	ND	ND	ND
	μg/L	Effluent	ND	ND	ND	ND	ND	ND
Chloroform	μg/L	Influent	ND	ND	ND	ND	ND	ND
	μg/L	Effluent	ND	ND	ND	ND	ND	ND
Analyte	<del>                                     </del>							
рН	SU	Influent	7.53	7.61	7.99	7.68	7.60	7.88
	SU	Effluent	8.18	8.22	8.36	8.25	8.18	8.15
Hardness	mg CaCO₃/L	Influent	437	450	462	458	466	47 <b>4</b>
	mg CaCO₃/L	Effluent	437	450	468	456	468	486
TSS	mg/L	Influent	5.0	5.0	5.0	5.0	5.0	5.0
	mg/L	Effluent	5.0	5.0	5.0	5.0	5.0	5.0
TDS	mg/L	Influent	626	624	670	668	686	654
	mg/L	Effluent	626	654	664	666	656	676
TOC	mg/L	Influent	NM	NM	NM	NM	NM	NM
	mg/L	Effluent	3.3	3.4	4.0	3.7	3.0	2.7
Iron (Total)	mg/L	Influent	2.41	2.05	2.21	2.30	2.30	2.37
	mg/L	Effluent	2.27	1.90	2.24	2.30	2.37	2.24
Iron (Dissolved)	mg/L	Influent	0.92	2.03	2.26	2.27	1.12	1.52
	mg/L	Effluent	0.02	0.02	0.00	0.11	0.10	0.01
otal Volume Discharge otal Pounds of TCE Re otal Pounds of All VO	emoved	of gallons)	20.6 3.77 6.35	17.4 4.35 7.41	16.0 4.29 7.23	3.0 0.76 1.25	7.3 1.40 2.07	18.1 3.17 5.60

ND - Not Detected

NM - Analyte Not Measured

DCE - Dichloroethene

TCE - Trichloroethene

SU - Standard Units

mg - milligrams

μg - micrograms

L - liter

CaCO<sub>3</sub> - Calcium Carbonate

TSS - Total Suspended Solids

TOC - Total Organic Carbon

TDS - Total Dissolved Solids

<sup>&</sup>lt;sup>1</sup> Data obtained from Tetra Tech's monthly treatment system report: May 2004 through October 2004

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Table 4-1
OU4 Landfill Gas Monitoring Results
Wright-Patterson AFB, Ohio
Page 1 of 4

Monitoring						Atmos. Press.
Location	Date	CO <sub>2</sub> %	0, %	CH <sub>4</sub> %	LEL %	(In. Hg)
LG-1	04/17/98	1.7	18.6	0	0	NM
	10/14/98	5.9	16.1	0	0	NM
	01/12/99	0.0	16.9	0	0	NM
	04/15/99 07/20/99	2.6 0.0	18.1 18.8	0	0	NM NM
	10/22/99	2.9	17.5	0	0	NM
	01/17/00	0.9	18.9	0	0	NM
	04/10/00	0.0	20.3	ō	ō	29.5
	07/25/00	7.2	9.8	0	0	29.2
	09/28/00	0.7	18.6	0	0	NM
	01/29/01	3.0	17.5	0	0	29.1
	04/26/01	2.6	16.3	0	0	NM 28.0
	07/12/01 09/28/01	8.7 0.2	5.9 19.2	0	0 0	28.9 29.2
	01/08/02	1.7	19.1	Ö	Ö	29.4
	04/30/02	1.9	17.7	ō	Ö	22.9
	07/09/02	0.0	19.7	0	0	29.2
	10/02/02	5.8	12.2	0	0	29.2
	02/27/03	3.1	19.5	0	0	29.2
	04/21/03	3.3	16.5	0	0	29.0
	07/15/03	8.0	5.1	0	0	29.1
	09/22/03	11.7 4.5	7.6 16.7	0 0	0 0	29.0 29.0
	04/06/04	2.4	17.4	Ö	0	29.2
	07/26/04	NA***	19.1	ŏ	ō	29.3
	09/30/04	5.3	16.8	0	0	29.4
LG-2	04/17/98	3.7	21.7	0	0	NM
	10/14/98	7.6	13.1	0	0	NM
	01/12/99	10.1	5.2	0	0	NM
	04/15/99	3.1	8.2	0	0	NM
	07/20/99	7.0	11.0	0	0	NM
	10/22/99	7.8	13.8	0	0 0	NM
	01/17/00 04/10/00	3.8 1.3	15.0 14.4	0 0	0	NM 29.5
	07/25/00	6.6	4.3	0	0	29.2
	09/28/00	9.5	10.0	ŏ	Ö	NM
	01/29/01	5.7	11.1	Ō	0	29.1
	04/26/01	5.2	8.9	0	0	МИ
	07/12/01	6.4	6.8	0	0	28.9
	09/28/01	10.3	1.6	0	0	29.2
	01/08/02 04/30/02	5.0 1.4	12.4 16.7	0	0 0	29.4 22.9
	07/09/02	0.1	19.5	0	0	29.2
	10/02/02	7.3	6.4	Ö	Ö	29.2
	02/27/03	5.5	3.6	Ō	0	29.2
	04/21/03	3.7	6.5	0	0	29.0
	07/15/03	4.8	6.7	0	0	29.1
	09/22/03	7.3	3.9	0	0	29.0
	02/19/04 04/06/04	3.8 3.2	9.6 9.0	0	0	29.0 29.2
	07/26/04	NA***	19.2	0	0	29.3
	09/30/04	6.0	14.0	Ö	ő	29.4
	04/17/98		22.0			
LG-3	10/14/98	2.9 3.8	22.9 18.4	0	0	NM NM
	01/12/99	2.0	19.0	0	0	NM
	04/15/99	2.1	15.4	0	0	NM
	07/20/99	3.5	17.1	0	0	NM
	10/22/99 01/17/00	2.3	19.2	0 0	0	NM NM
	04/10/00	1.0 0.2	18.4 17.7	0	0	29.5
	07/25/00	5.0	13.0	0	0	29.2
	09/28/00	3.6	16.8	ō	ō	NM
	01/29/01	2.3	16.6	0	0	29.1
	04/26/01	3.0	5.9	0	0	NM
	07/12/01	7.6	2.7	0	0	28 9
	09/28/01	7.1	13.5	0	0	29.2
	01/08/02 04/30/02	5.0 2.9	10.5 12.2	0	0	29.4 22.9
	07/09/02	0.0	19.6	0	0	22.9 29.2
	10/02/02	3.5	14.0	0	0	29 2
	02/27/03	5.2	1.7	ō	ő	29.2
		4.6	1.2	0	0	29.0
	04/21/03			_		00.4
	07/15/03	6.8	3.7	0	0	29 1
	07/15/03 09/22/03	6.8 7.8	11.8	0	0	29 0
	07/15/03 09/22/03 02/19/04	6.8 7.8 4.1	11.8 7.2	0 0	0	29 0 29.0
	07/15/03 09/22/03 02/19/04 04/06/04	6.8 7.8 4.1 3.7	11.8 7.2 8.2	0 0 0	0 0 0	29 0 29.0 29.2
	07/15/03 09/22/03 02/19/04	6.8 7.8 4.1	11.8 7.2	0 0	0	29 0 29.0

Table 4-1 OU4 Landfill Gas Monitoring Results Wright-Patterson AFB, Ohlo Page 2 of 4

Monitoring Location	Date	CO <sub>2</sub> %	0, %	CH4 %	LEL %	Atmos. Press. (in. Hg)
LG-6	04/17/98	2.6	13.7	0	0	NM
	10/14/98	5.1	13.9	0	0	NM
	01/12/99	3.5	4.8	0	0	NM
	04/15/99	19	17.4	0	0	NM
	07/20/99	1.7	16.0	0	0	NM
	10/22/99	4.4	15.2	0	0	NM
	01/17/00	2.0 1.7	18 3	0	0	NM 20.5
	07/25/00	2.8	17.0 12.5	0	0	29.5 29.2
	09/28/00	2.7	13.8	0	0	29.2 NM
	01/29/01	2.1	16.1	0	0	29 1
	04/26/01	2.3	14.2	Ö	ő	NM
	07/12/01	2.7	13.6	ō	ŏ	28.9
	09/28/01	4.4	10.7	0	0	29.2
	01/08/02	2.6	15.8	0	0	29.4
	04/30/02	0.9	18.4	0	0	22.9
	07/09/02	0.0	19.7	0	0	29.2
	10/02/02	5.1	13.7	0	0	29.2
	02/27/03	3.1	17.8	0	0	29.2
	04/21/03	3.5	16.1	0	0	29 0
	07/15/03 09/22/03	3.0 4.8	14.4 9.9	0	0 0	29.1
	02/19/04	3.3	14.2	0	0	29.0 29.0
	04/06/04	2.7	15.6	0	0	29.0
	07/26/04	NA***	19.1	0	Ô	29.3
	09/30/04	5.2	15.5	ŏ	Ö	29.4
LG-7	04/17/98	0.8	18.7	0	0	NM
	10/14/98	2.1	18.7	0	0	NM
	01/12/99	1.0	2.8	0	0	NM
	04/15/99	0.9 0.7	20.1	0	0	NM
	07/20/99 10/22/99	10	18.6 19.2	0	0	NM NM
	01/17/00	0.7	19.2	0	0	NM
	04/10/00	0.7	19.0	0	Ö	29.5
	07/25/00	1.6	18.1	0	0	29.2
	09/28/00	1.3	17.8	0	0	NM
	01/29/01	0.6	19.1	0	0	29.1
	04/26/01	0.7	19 1	0	0	NM
	07/12/01	1.6	16.8	0	0	28 9
	09/28/01	2 4	16.6	0	0	29.2
	01/08/02 04/30/02	1.0 1.0	19.9 19.0	0	0	29 4 22 9
	07/09/02	0.0	19.7	0	0	29.2
	10/02/02	1.8	16.8	Ö	Ö	29.2
]	02/27/03	10	20.2	ō	ō	29.2
	04/21/03	0.9	19 3	0	0	29.0
	07/15/03	1.6	17 5	0	0	29.1
	09/22/03	2.6	15.8	0	0	29.0
i	02/19/04	0.9	18.8	0	0	29 0
1	04/06/04	0.9	19.0	0	0	29.2
	07/26/04	NA***	19.1	0	0	29.3
	09/30/04	1.2	19.2	0	0	29.4
LG-8	04/17/98	1.9	18.8	0	0	NM
	10/14/98	4.0	15.6	0	0	NM
1	01/12/99	3.2	15.7	Ö	0	NM
}	04/15/99	2.6	17.0	Ö	Ö	NM
	07/20/99	8.0	18 2	0	0	NM
	10/22/99	3.2	16 2	0	0	NM
	01/17/00	2.2	18.8	0	0	NM
	04/10/00	0.3	19.4	0	0	29 5
,	07/25/00	2.4	16 5	0	0	29.2
J	09/28/00	2.1	16.2	0	0	NM 20.4
ļ	01/29/01	1.8	17.4	0	0	29.1
Ì	04/26/01 07/12/01	1.6 1.4	17.4 17.5	0	0 0	NM 28.0
}	07/12/01	3.5	17.5 14.5	0	0	28.9 29.2
j	01/08/02	0.6	19.6	0	0	29.4
	04/30/02	1.7	17.6	0	0	22.9
ì	07/09/02	0.6	18.7	0	0	29 2
I	10/02/02	13.5	14.9	0	ō	29 2
	02/27/03	3 6	16.5	0	Ō	29 2
1	04/21/03	2.9	15 6	0	0	29 0
I	07/15/03	1.9	16.7	0	0	29.1
J	09/22/03	3.7	13.7	0	0	29.0
1		2 7	16.0	0	0	29.0
	02/19/04					
	04/06/04	2.6	15.7	0	0	29.2
				0 0 0	0 0 0	29.2 29.3 29.4

Table 4-1
OU4 Landfill Gas Monitoring Results
Wright-Patterson AFB, Ohlo
Page 3 of 4

Monitoring Location	Date	co, %	0, %	СН4%	LEL %	Atmos. Press (In. Hg)
LG-9	04/17/98	1.8	14.0	0	0	NM
	10/14/98	4.2	10.4	0	0	NM
	01/12/99	0.0	20.8	0	0	NM
	04/15/99	1.7	17.0	0	0	NM
	07/20/99	1.5	14.4	Ď	Ö	NM
	10/22/99	3.0	12.6	0	Ö	NM
	01/17/00			0	0	
		1.4	17.4			NM
	04/10/00	1.5	14.5	0	0	29.5
	07/25/00	2.6	12.5	0	0	29.2
	09/28/00	2.3	14.5	0	0	NM
	01/29/01	1.6	16.0	0	0	29.1
	04/26/01	1.5	15.2	0	0	NM
	07/12/01	2.4	12.9	0	0	28.9
	09/28/01	3.8	11.9	0	0	29.2
	01/08/02	1.8	16.2	0	0	29.4
	04/30/02	2.4	12.2	ō	Ō	22.9
	07/09/02	3.7	10.2	ŏ	ŏ	29.2
	10/02/02			ő	0	29.2
		3.7	10.1			
	02/27/03	2.4	16.0	0	0	29.2
	04/21/03	2.7	12.0	0	0	29.0
	07/15/03	4.0	17.2	0	0	29.1
	09/22/03	3.4	10.1	0	0	29.0
	02/19/04	2.1	14.2	0	0	29 0
	04/06/04	1.8	14.7	0	0	29.2
	07/26/04	NA***	19.1	Ö	ō	29.3
	09/30/04	3.1	14.2	ŏ	Ö	29.4
	00.00,04	J. 1		•	•	40.7
LG-10	04/17/98	8.3	0.0	1.9	16	NM
LG-10						NM NM
	10/14/98	9.2	0.0	3.1	NM	
	02/03/99*	7.5	0.2	2.9	60	NM
	04/15/99	8.4	1.4	2.2	48	NM
	07/20/99	7.9	0.5	1.8	36	NM
	10/22/99	8.9	0.0	2.7	54	NM
	01/17/00	Could not a	pen vault (	damaged)**		-
	04/10/00	Could not o	pen vault (	damaged)**		_
	07/25/00			damaged)**		
	09/28/00			damaged)**		_
	01/29/01	0.0	19.6	0	0	29.1
	04/26/01	7.8	0.0	2.5	50	NM
	07/12/01	7.8		3.9	76	28 9
			0.0			
	09/28/01	7.7	0.7	4.7	92	29.2
	01/09/02	0.0	20.5	0	0	29 4
	04/30/02	6.7	0.0	1.4	30	22 9
	07/09/02	0.2	18.9	0	0	29.2
	10/02/02	6.7	0.0	3.4	68	29.2
	02/27/03	Reading un	able to be	taken - poin	t under a sl	heet of ice
	04/21/03	6.3	0.1	3.5	70	29.0
	07/15/03	6.6	0.5	3.4	68	29.1
	09/22/03	6.8	0.0	4.4	88	29.0
	02/19/04	6.8	0.6	4.8	96	29.0
	04/06/04	6.5	0.6	1.8	36	29.2
	07/26/04	0.5 NA***	19.2		0	29.2 29.3
				0		
	09/30/04	7.5	1.5	2.2	44	29.4
DI4- 0704	04/47/00	no state of				
Bldg. 878A	04/17/98	Building ina		_		-
NW	10/14/98	0.0	20.3	0	0	NM
	01/12/99	0.0	21.0	0	0	NM
	04/15/99	0.1	21.2	0	0	NM
	07/20/99	0.0	19.1	0	0	NM
	10/22/99	0.0	20.5	0	Ó	NM
	01/17/00	0.0	19.5	Ō	ō	NM
	04/10/00	0.0	20.2	0	ő	29.5
	07/25/00	0.0	20.2	ō	ō	29.2
	09/28/00		19.3	0	0	NM
		0.0				
į	01/29/01	0.0	19 8	0	0	29.1
	04/26/01	0.0	20 5	0	0	NM
	07/12/01	0.0	20.2	0	0	28.9
	09/28/01	0.0	19.8	0	0	29.2
	01/08/02	0.0	20 3	0	0	29.4
	04/30/02	0.0	20.3	0	0	22 9
	07/09/02	0.0	19.3	Ö	0	29 2
	10/02/02		19.3	0	0	29.2
		0.0				
İ	02/27/03	0.0	20.9	0	0	29 2
	04/21/03	0.0	20.9	0	0	29.0
	07/15/03	0.0	19.8	0	0	29.1
	09/22/03	0.0	19.5	0	0	29.0
			20.4	Ö	Ō	29.0
	02/19/04	Q.CI			-	20.0
	02/19/04	0.0		Λ	n	20.2
	04/06/04	0.0	19.8	0	0	29.2 29.3
				0 0 0	0 0 0	29.2 29.3 29.4

### Table 4-1 **OU4 Landfill Gas Monitoring Results** Wright-Patterson AFB, Ohio Page 4 of 4

Monitoring Location	Date	CO, %	O <sub>2</sub> %	CH <sub>4</sub> %	LEL %	Atmos. Press. (in. Hg)
Bldg. 878A	04/17/98	Building inaccessible			_	-
SE	10/14/98	0.0	20.3	0	0	NM
	01/12/99	0.0	21.0	0	0	NM
1	04/15/99	0.0	21.2	0	0	NM
	07/20/99	0.0	19.1	0	0	NM
	10/22/99	00	20.5	0	0	NM
	01/17/00	0.0	18.6	0	0	NM
	04/10/00	0.0	20.2	0	0	29.5
	07/25/00	0.0	20.4	0	0	29.2
	09/29/00	0.0	18.8	0	0	NM
	01/29/01	0.0	20.0	0	0	29.1
	04/26/01	0.0	20.5	0	0	NM
	07/12/01	0.0	20.2	0	0	28.9
	09/28/01	0.0	19.8	0	0	29.2
i	01/08/02	0.0	20.3	0	0	29.4
	04/30/02	0.0	20.3	0	0	22.9
	07/09/02	0.0	19.4	0	0	29.2
	10/02/02	0.0	19.1	0	0	29.2
	02/27/03	0.0	20.9	0	0	29.2
	04/21/03	0.0	20.7	0	0	29.0
	07/15/03	0.0	19.8	0	0	29.1
	09/22/03	0.0	19.6	0	0	29.0
	02/19/04	0.0	20.4	0	0	29.0
	04/06/04	0.0	19.8	0	0	29 2
	07/26/04	NA***	19.1	0	0	29.3
	09/30/04	0.0	19.2	0	. 0	29.4

- Notes:

  \* The lid for LG-10 was frozen on Jan 12, 1999. The reading was collected on Feb 3, 1999

  \*\* The flush-mounted surface completion for LG-10 was damaged by a snowplow and could not be opened. On January 17, 2001, the surface completion for LG-10 was replaced. NA\*\*\* CO2 could not be read. GEM unit out of calibration for CO2.
- CO<sub>2</sub> = Carbon dioxide
- O<sub>2</sub> = Oxygen
- CH<sub>4</sub> = Methane
- LEL = Lower Explosive Level
- NM = Not measured

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## Table 5-1 OU2 Round 15 Groundwater Monitoring Field Parameters Wright-Patterson AFB, Ohio Page 1 of 4

·											
	0		Static Depth	Water Level	Ţ		01	T 4149	000	50	F
Well Number	Sampling Round	Date	to Water (ft, TOC)	Elevation (ft, MSL)	Temp. (C°)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)	DO (mg/L)	Ferrous Iron
Wells Sampled	Round	Sampled	(11, 100)	(II, MOL)	. (0)	(30)	(mozem)	(1410)	(1117)	(IIIg/L)	(mg/L)
Semi-Annually	ļ		ŀ								
04-016-M	Baseline	21-May-97	11.15	809.75	12.40	7.11	0.843	17.0	-196.0	1.73	7.92
(MP Elev.; ft,MSL)	1	22-Oct-97	12.62	808.28	14.80	6.99	0.775	1.5	-208.0	5.63	7.64
820.9 <sup>(a)</sup>	2	28-Apr-98	10.65	810.25	12.10	7.09	0.748	4.0	-287.1	0.00	4.33
818.33 <sup>(b)</sup>	3	15-Oct-98	11.51	809.39	15.70	6.96	0.819	4.0	-198.8	0.02	7.10
0.000	4	13-Apr-99	10.50	810.40	14.20	8.62	0.825	5.0	-180.5	0.46	3.90
	5	11-Oct-99	13.00	807.90	15.70	7.05	0.571	9.0	-146.7	ERR	1.89
	6	25-Apr-00	7.69	810.64	13.80	7.16	1.100	23.0	-131.1	ERR	8.88
1	7	19-Oct-00	9.60	808.73	15.10	7.12	0.898	0.0	-155.8	0.04	5.10
	8	17-Apr-01	8.85	809.48	12.10	6.87	0.691	2.0	-161.2	0.31	5.10
	9	10-Oct-01	8.76	809.57	15.74	6.82	0.977	2.7	-120.9	2.62	1.84
	10	18-Apr-02	6.86	811.47	14.70	6.77	0.893	1.8	-124.0	2.68	7.04
	11	09-Oct-02	8.44	809.89	16.42	7.07	0.944	0.0	-156.0	0.38	11.36
	12	16-Apr-03	4.31	814.02	14.20	6.91	0.962	0.0	-155.0	0.00	8.76
	13	02-Oct-03	7.26	811.07	15.15	6.91	0.545	17.4	-180.0	0.00	12.84
	14	16-Apr-04	7.00	811.33	14.64	6.87	0.943	7.2	-149.0	0.00	5.20
	15	07-Oct-04	8.83	809.50	16.14	6.79	0.919	8.0	-188.0	0.25	>13.2
04 546	Da"	40.44 07	44.00	000 44	40.00	7.00	0.000	B.1.6	05.0	4.07	2 20
04-518-M	Baseline	13-May-97	11.00	809.41	10.80	7.06	0.800	NA	-95.0	1.87	2.36 2.84
(MP Elev.; ft,MSL)	1	21-Oct-97	12.89	807.52	18.90	6.87	0.688	NA 0.0	-138.0	4.54	
820.41	2 3	29-Apr-98	11.25 12.00	809.16	10.90	7.19	0.822	0.0	-84.3 -179.1	0.96 0.12	4.20 2.88
	4	15-Oct-98 13-Apr-99	11.10	808.41 809.31	20.10 10.00	6.53 6.83	0.766 1.029	9.0 3.0	-179.1 -65.8	1.19	4.68
	5	11-Oct-99	13.94	806.47	20.20	6.91	0.814	2.0	-210.3	0.10	3.11
	6	24-Apr-00	10.85	809.56	11.60	6.76	2.070	24.0	-140.1	ERR	2.19
1	7	17-Oct-00	12.51	807.90	18.90	7.07	0.742	ERR	-95.0	0.38	6.00*
	8	18-Apr-01	11.95	808.46	9.70	6.65	1.770	0.0	-54.2	0.01	5.08
	9	11-Oct-01	13.21	807.20	ERR	ERR	ERR	0.0	ERR	ERR	3.75
]	10	17-Apr-02	9.64	810.77	12.10	6.76	1.170	15.6	-117.0	1.74	4.42
1	11	10-Oct-02	10.97	809.44	20.92	6.85	0.937	3.8	-118.0	0.00	3.24
	12	17-Apr-03	12.78	807.63	9.80	6.83	1.800	0.0	-141.0	0.98	5.12
í l	13	02-Oct-03	Well abandoned		-	-	-			-	-
NEA MIMO OC	Danstina	22 14 07	10.10	011 20	12.40	6.00	0.074	2.0	71.0	2 47	1 10
(MP Elev.; ft,MSL)	Baseline	22-May-97 21-Oct-97	10.10 11.80	811.39 809.69	12.40 17.40	6.80 6.58	0.871 0.687	2.8 2.6	-71.0 -176.0	3.17 4.06	1.10 1.30
821.49	1 2	20-Apr-98	9.31	812.18	11.60	7.03	0.781	7.0	-176.0 -102.8	1.87	9.70
021.43	3	15-Oct-98	10.54	810.95	18.40	6.39	0.697	137	-153.3	ERR	5.92
1	4	13-Apr-99	9.66	811.83	11.50	6.94	0.522	0.0	-110.3	0.12	1.69
	5	11-Oct-99	12.44	809.05	18.70	6.77	0.584	0.0	-172.7	ERR	1.92
1	6	20-Apr-00	8.94	812.55	15.10	6.74	0.970	17.0	-189.3	ERR	7.40
	7	17-Oct-00	10.91	810.58	17.10	6.92	0.710	ERR	-158.8	0.17	6.40
	8	19-Apr-01	10.21	811.28	12.20	6.90	0.943	0.0	-124.8	0.06	1.77
1	9	17-Oct-01	9.57	811.92	16.24	6.67	1.020	0.0	-114.3	1.50	7.30
	10	16-Apr-02	7.45	814.04	13.60	6.76	0.796	10.1	-103.0	1.50	6.08
ì	11	09-Oct-02	9.40	812.09	18.82	6.91	0.784	0.2	-117.0	0.00	5.86
	12	17-Apr-03	7.95	813.54	11.49	7.22	0.915	9.4	-146.0	0.00	4.01
	13	02-Oct-03	7.86	813.63	18.38	6.77	0.946	24.3	-175.0	0.27	3.65
	14	15-Apr-04	7.24	814.25	12.04	7.13	0.815	12.7	-174.0	4.12	2.03
	15	07-Oct-04	9.83	811.66	18.25	7.03	0.850	2.7	-168.0	8.41	2.68
NEA-MW21-3S	2	29-Apr-98	11.89	808.96	Not sample	d free orog	fuct	-			
(MP Elev.: ft.MSL)	3	15-Oct-98	12.69	808.16	Not sample			_	_	_	
820.85	4	13-Apr-99	11.00	809.85	11.90	7.12	0.822	21.0	-54.9	2.51	2.08
]	5	11-Oct-99	14.19	806.66	19.20	7.03	0.578	14.0	-103.8	ERR	1.80
1	6	24-Apr-00	12.96	807.89	12.70	7.19	0.930	9.0	-71.7	4.80	5.08
	7	19-Oct-00	12.51	808.34	16.30	6.69	0.937	3.0	-40.4	7.90	3.11
]	8	18-Apr-01	12.83	808.02	11.30	6.76	1.110	0.0	77.5	1.00	2.68
1	9	17-Oct-01	11.77	809.08	16.31	6.89	1.069	1.0	-105.5	2.50	4.39
[	10	16-Apr-02	9.36	811.49	16.20	7.09	0.780	11.0	-115.0	5.55	2.64
1 1	11	09-Oct-02	Not sampled - W					-			
[	12	23-Apr-03	9.72	811.13	12.50	7.09	1.210	3.1	-154.0	0.00	3.36
	13	02-Oct-03	Not sampled - W					-			<del></del> .
	14	15-Apr-04	9.04	811.81	14.23	7.10	0.876	286.0	-138.0	0.93	1.74
	15	07-Oct-04	12.16	808.69	18.75	7.19	0.781	7.9	-149.0	0.50	2.02

## Table 5-1 OU2 Round 15 Groundwater Monitoring Field Parameters Wright-Patterson AFB, Ohio Page 2 of 4

					age & Oi						
Well Number	Sampling Round	Date Sampled	Static Depth to Water (ft, TOC)	Water Level Elevation (ft, MSL)	Temp. (C°)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)	DO (mg/L)	Ferrous Iron (mg/L)
NEA-MW26-3S	6	24-Apr-00	12.74	804.86	12.80	7.18	0.000	0.0	-137.3	1.65	1.23
(MP Elev.; ft,MSL)	7	17-Oct-00	14.17	803.43	16.90	7.19		ERR		0.33	
817.6	8	17-Oct-00 17-Apr-01	13.59	804.01			0.000 0.000	0.0	-279.9		14.0 0.70
817.0	9	•	12.97	804.63	10.90	6.58		5.0	-224.8 -236.4	0.40	
		15-Oct-01			17.56	6.75	1.936	3.3		1.62	1.29
	10	18-Apr-02	11.40	806.20	14,10	7.00	1.150		-138.0	1.04	0.14
1	11	09-Oct-02 09-Apr-03	12.62	804.98	18.67	7.03	1.150	0.0	-103.0	0.86	1.32
	12		13.20	804.40	10.60	7.16	1.430	14.8	-65.0	0.00	0.44
	13	02-Oct-03	11.49	806.11	18.93	6.85	1.010	2.1	-177.0	3.17	1.78
	14 15	16-Apr-04 07-Oct-04	10.82 12.80	806.78 804.80	13.20 19.33	6.87 6.98	1.010 0.883	16.4 0.0	-5.0 -237.0	0.18 0.37	0.07 1. <b>81</b>
,			ļ								
NEA-MW28-4I	Baseline	14-May-97	12.33	807.59	14.30	7.19	0.817	11.8	-169.0	0.77	5.10
(MP Elev ; ft,MSL)	1	20-Oct-97	13.99	805.93	14.90	7.44	0.725	2.0	-121.0	3.83	6.92
819.92(*)	2	28-Apr-98	13.07	806.85	13.60	7.29	0.857	0.0	-121.0	9.65	3.34
818.38 <sup>(b)</sup>	3	15-Oct-98	13.13	806.79	14.90	7.17	0.947	2.0	-143.3	0.04	4.76
}	4	13-Apr-99	12.99	806.93	13.70	7.31	0.498	12.0	-119.9	0.21	1.79
	5	11-Oct-99	14.83	805.09	15.70	7.21	0.999	2.0	-185.1	0.19	3.42
	6	24-Apr-00	11.91	806.47	13.60	7.02	0.857	82.0	-131.9	0.21	1.98
	7	17-Oct-00	13.60	804.78	15.00	7.24	1.380	ERR	9.25	1.02	5.05
NEA-MW28-5S	7**	08-Dec-00	14.81	803.69	14.90	6.92	1.000	0.0	-126.2	0.09	5.09
(MP Elev.; ft,MSL)	8	17-Apr-01	11.95	806.55	12.20	7.19	1.030	20.0	-126.2 -114.9	0.09	NA
820.10 <sup>(a)</sup>	9	-	1					4.0			5.10
020.10 040.50 <sup>(b)</sup>		15-Oct-01	11.15	807.35	18.24	6.91	2.737		-145.8	0.84	
818.50 <sup>(b)</sup>	10	16-Apr-02	9.76	808.74	16.40	7.01	0.850	10.7	-141.0	0.39	5. <b>44</b>
ì	11	10-Oct-02	11.02	807.48	18.88	7.01	0.886	0.0	-149.0	0.00	7.50
	12	09-Apr-03	9.77	808.73	12.90	7.12	1.370	5.5	-151.0	0.00	5.03
Í	13	02-Oct-03	9.90	808.60	18.10	6.98	0.970	3.4	-161.0	2.00	6.34
	14 15	16-Apr-04 07-Oct-04	8.98 11.32	809.52 807.18	14.07 17.78	6.86 7.12	0.929 0.891	7.5 8.3	-154.0 -188.0	0.7 <b>6</b> 0.47	6. <b>26</b> 5. <b>58</b>
ľ			]								
OW-1	Baseline	14-May-97	8.50	808.70	12.80	6.94	0.850	1.7	-136.0	1.00	5.10
(MP Elev.; ft,MSL)	1 1	20-Oct-97	9.95	807.25	17.80	7.07	0.689	1.3	-141.0	3.59	5.46
817.2	2	28-Apr-98	8.55	808.65	12.10	7.15	0.693	0.0	-275.7	0.00	1.99
	3	15-Oct-98	9.14	808.06	18.30	6.55	0.761	1.0	-156.0	7.93	4.66
	4	13-Арг-99	8.31	808.89	12.20	8.86	0.840	4.0	123.7	0.10	1.36
I	5	13-Oct-99	10.81	806.39	18.40	6.87	0.846	0.0	-4.9	0.38	3. <b>06</b>
	6	24-Apr-00	7.89	809.31	12.60	7.38	1.141	0.0	-100.2	1.95	4.22
Ĭ	7 (	17-Oct-00	9.49	807.71	17.80	7.28	0.918	ERR	9.68	0.23	4.46
1	8	16-Apr-01	9.11	808.09	11.80	6.95	0.644	6.0	116.8	ERR	3.30
	9	15-Oct-01	8.65	808.55	18.89	6.97	2.409	0.0	-143.9	1.36	2.75
	10	16-Apr-02	7.15	810.05	19.10	7.07	0.779	13.6	-156.0	1.00	4.82
	11	10-Oct-02	8.48	808.72	19.86	6.89	0.839	0.0	-139.0	0.00	5.16
	12	17-Apr-03	7.36	809.84	13.40	7.02	0.844	5.0	-161.0	0.00	9.40
Ì	13	02-Oct-03	7.27	809.93	18.34	6.75	0.875	5.3	-152.0	2.42	6.15
	14	16-Apr-04	6.58	810.62	13.75	6.74	0.826	19.8	-146.0	0.77	6.12
1	15	07-Oct-04	8.76	808.44	18.90	6.93	0.742	0.0	-151.0	0.00	4.36
OW-2	Baseline	21-May-97	12.71	807.06	12.90	6.90	0.864	2.7	-145.0	2.68	5.10
(MP Elev.; ft,MSL)	3	21-Oct-98	13.48	806.29	15.30	6.53	0.794	1.0	-123.3	0.78	5.40
819.77(*)	4	13-Apr-99	13.19	806.58		7.18	0.532	0.0	-116.6	0.05	1.82
		•			14.40						
817.64 <sup>(b)</sup>	5	11-Oct-99	15.20	804.57	15.30	6.99	0.880	1.0	-168.7	0.14	3.52
ľ	6	25-Apr-00	10.02	807.62	14.20	7.04	0.919	11.0	-133.4	ERR	8.32
)	7	19-Oct-00	11.69	805.95	15.00	6.64	0.610	7.0	-129.5	0.69	12.4
	8	17-Apr-01	10.97	806.67	12.90	6.56	0.821	0.0	-128.9	0.31	5.10
	9	10-Oct-01	10.76	806.88	16.35	6.82	1.090	0.9	-116.5	2.41	4.50
	10	18-Apr-02	10.09	807.55	15.00	7.35	0.772	3.7	-133.0	0.28	10.56
į	11	09-Oct-02	12.45	805.19	16.75	6.99	0.878	6.8	-152.0	0.23	9.48
]	12	16-Apr-03	9.40	808.24	15.64	6.97	1.030	2.8	-142.0	0.43	9.27
	13	02-Oct-03	9.35	808.29	16.00	6.84	0.957	9.5	-152.0	2.69	8.16
	14	15-Apr-04	8.30	809.34	13.61	6.92	0.868	23.4	-150.0	2.40	5.90
	15	07-Oct-04	10.59		-		-	0.0	-162.0		>13.2

## Table 5-1 OU2 Round 15 Groundwater Monitoring Field Parameters Wright-Patterson AFB, Ohio Page 3 of 4

OW-4 (MP Elev.; ft,MS 820.95 <sup>(a)</sup> 819.04 <sup>(b)</sup>	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Date Sampled  22-May-97 23-Oct-97 29-Apr-98 15-Oct-98 13-Apr-99 11-Oct-99 25-Apr-00 19-Oct-00 17-Apr-01 10-Oct-01 18-Apr-02 09-Oct-02 16-Apr-03 02-Oct-03 15-Apr-04 07-Oct-04	Static Depth to Water (ft, TOC)  14.54 15.92 14.30 15.10 14.40 16.70 12.04 13.60 13.02 12.81 11.10 14.41 11.42 11.35 10.69 12.65	Water Level Elevation (ft, MSL) 806.41 805.03 806.65 805.85 806.55 804.25 807.00 805.44 806.02 806.23 807.94 804.63 807.62 807.69 808.35	Temp. (C°)  12.40 17.60 11.50 19.10 12.00 18.00 12.60 17.50 11.70 19.89 14.20 19.80 12.50 18.76 12.44	pH (SU)  7.00 6.88 7.14 7.13 7.20 7.09 7.20 6.76 6.81 6.78 6.93 7.10 7.09 6.94	Conductivity (mS/cm)  0.878 0.770 0.757 0.837 0.833 0.846 0.910 0.558 0.666 1.873 0.840 0.830 1.020	Turbidity (NTU) 6.7 2.0 6.0 2.0 7.0 1.0 52.0 ERR 4.0 18.1 13.6 0.0	ORP (mV) -118.0 -154.0 -305.0 -140.6 -125.1 -166.9 -121.9 -148.8 289.1 -131.4 -149.0 -169.0	DO (mg/L) 2.61 4.58 0.00 0.13 0.00 0.19 1.95 0.26 ERR 4.12 1.08	3.08 7.62 6.76 4.58 4.60 4.72 1.99 7.40 5.10 5.88
(MP Elev.; ft,MS 820.95 <sup>(a)</sup> 819.04 <sup>(b)</sup> OW-4 (MP Elev.; ft,MS	L) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 Baseline	23-Oct-97 29-Apr-98 15-Oct-98 13-Apr-99 11-Oct-99 25-Apr-00 19-Oct-00 17-Apr-01 10-Oct-01 18-Apr-02 09-Oct-02 16-Apr-03 02-Oct-03 15-Apr-04	15.92 14.30 15.10 14.40 16.70 12.04 13.60 13.02 12.81 11.10 14.41 11.42 11.35 10.69	805.03 806.65 805.85 806.55 804.25 807.00 805.44 806.02 806.23 807.94 804.63 807.62 807.69 808.35	17.60 11.50 19.10 12.00 18.00 12.60 17.50 11.70 19.89 14.20 19.80 12.50 18.76	6.88 7.14 7.13 7.20 7.09 7.20 6.76 6.81 6.78 6.93 7.10 7.09 6.94	0.770 0.757 0.837 0.833 0.846 0.910 0.558 0.666 1.873 0.840 0.830 1.020	2.0 6.0 2.0 7.0 1.0 52.0 ERR 4.0 18.1 13.6 0.0	-154.0 -305.0 -140.6 -125.1 -166.9 -121.9 -148.8 289.1 -131.4 -149.0	4.58 0.00 0.13 0.00 0.19 1.95 0.26 ERR 4.12	7.62 6.76 4.58 4.60 4.72 1.99 7.40 5.10 5.88
(MP Elev.; ft.MS 820.95 <sup>(a)</sup> 819.04 <sup>(b)</sup>	L) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 Baseline	23-Oct-97 29-Apr-98 15-Oct-98 13-Apr-99 11-Oct-99 25-Apr-00 19-Oct-00 17-Apr-01 10-Oct-01 18-Apr-02 09-Oct-02 16-Apr-03 02-Oct-03 15-Apr-04	15.92 14.30 15.10 14.40 16.70 12.04 13.60 13.02 12.81 11.10 14.41 11.42 11.35 10.69	805.03 806.65 805.85 806.55 804.25 807.00 805.44 806.02 806.23 807.94 804.63 807.62 807.69 808.35	17.60 11.50 19.10 12.00 18.00 12.60 17.50 11.70 19.89 14.20 19.80 12.50 18.76	6.88 7.14 7.13 7.20 7.09 7.20 6.76 6.81 6.78 6.93 7.10 7.09 6.94	0.770 0.757 0.837 0.833 0.846 0.910 0.558 0.666 1.873 0.840 0.830 1.020	2.0 6.0 2.0 7.0 1.0 52.0 ERR 4.0 18.1 13.6 0.0	-154.0 -305.0 -140.6 -125.1 -166.9 -121.9 -148.8 289.1 -131.4 -149.0	4.58 0.00 0.13 0.00 0.19 1.95 0.26 ERR 4.12	7.62 6.76 4.58 4.60 4.72 1.99 7.40 5.10 5.88
820.95 <sup>(a)</sup> 819.04 <sup>(b)</sup> 0 <b>W-4</b> (MP Elev.; ft,MS	2 3 4 5 6 7 8 9 10 11 12 13 14 15	29-Apr-98 15-Oct-98 13-Apr-99 11-Oct-99 25-Apr-00 19-Oct-00 17-Apr-01 10-Oct-01 18-Apr-02 09-Oct-02 16-Apr-03 02-Oct-03 15-Apr-04	14.30 15.10 14.40 16.70 12.04 13.60 13.02 12.81 11.10 14.41 11.42 11.35 10.69	806.65 805.85 806.55 804.25 807.00 805.44 806.02 806.23 807.94 804.63 807.62 807.69 808.35	11.50 19.10 12.00 18.00 12.60 17.50 11.70 19.89 14.20 19.80 12.50 18.76	7.14 7.13 7.20 7.09 7.20 6.76 6.81 6.78 6.93 7.10 7.09 6.94	0.757 0.837 0.833 0.846 0.910 0.558 0.666 1.873 0.840 0.830 1.020	6.0 2.0 7.0 1.0 52.0 ERR 4.0 18.1 13.6 0.0	-305.0 -140.6 -125.1 -166.9 -121.9 -148.8 289.1 -131.4 -149.0	0.00 0.13 0.00 0.19 1.95 0.26 ERR 4.12	6.76 4.58 4.60 4.72 1.99 7.40 5.10 5.88
819.04 <sup>(b)</sup> OW-4 (MP Elev.; ft.MS	3 4 5 6 7 8 9 10 11 12 13 14 15	15-Oct-98 13-Apr-99 11-Oct-99 25-Apr-00 19-Oct-00 17-Apr-01 10-Oct-01 18-Apr-02 09-Oct-02 16-Apr-03 02-Oct-03 15-Apr-04	15.10 14.40 16.70 12.04 13.60 13.02 12.81 11.10 14.41 11.42 11.35 10.69	805.85 806.55 804.25 807.00 805.44 806.02 806.23 807.94 804.63 807.69 808.35	19.10 12.00 18.00 12.60 17.50 11.70 19.89 14.20 19.80 12.50 18.76	7.13 7.20 7.09 7.20 6.76 6.81 6.78 6.93 7.10 7.09 6.94	0.837 0.833 0.846 0.910 0.558 0.666 1.873 0.840 0.830 1.020	2.0 7.0 1.0 52.0 ERR 4.0 18.1 13.6 0.0	-140.6 -125.1 -166.9 -121.9 -148.8 289.1 -131.4 -149.0	0.13 0.00 0.19 1.95 0.26 ERR 4.12	4.58 4.60 4.72 1.99 7.40 5.10 5.88
<b>OW-4</b> (MP Elev.; ft.MS	4 5 6 7 8 9 10 11 12 13 14 15	13-Apr-99 11-Oct-99 25-Apr-00 19-Oct-00 17-Apr-01 10-Oct-01 18-Apr-02 09-Oct-02 16-Apr-03 02-Oct-03 15-Apr-04	14.40 16.70 12.04 13.60 13.02 12.81 11.10 14.41 11.42 11.35 10.69	806.55 804.25 807.00 805.44 806.02 806.23 807.94 804.63 807.62 807.69 808.35	12.00 18.00 12.60 17.50 11.70 19.89 14.20 19.80 12.50 18.76	7.20 7.09 7.20 6.76 6.81 6.78 6.93 7.10 7.09 6.94	0.833 0.846 0.910 0.558 0.666 1.873 0.840 0.830 1.020	7.0 1.0 52.0 ERR 4.0 18.1 13.6 0.0	-125.1 -166.9 -121.9 -148.8 289.1 -131.4 -149.0	0.00 0.19 1.95 0.26 ERR 4.12	4.60 4.72 1.99 7.40 5.10 5.88
(MP Elev.; ft,MS	5 6 7 8 9 10 11 12 13 14 15	11-Oct-99 25-Apr-00 19-Oct-00 17-Apr-01 10-Oct-01 18-Apr-02 09-Oct-02 16-Apr-03 02-Oct-03 15-Apr-04	16.70 12.04 13.60 13.02 12.81 11.10 14.41 11.42 11.35 10.69	804.25 807.00 805.44 806.02 806.23 807.94 804.63 807.62 807.69 808.35	18.00 12.60 17.50 11.70 19.89 14.20 19.80 12.50 18.76	7.09 7.20 6.76 6.81 6.78 6.93 7.10 7.09 6.94	0.846 0.910 0.558 0.666 1.873 0.840 0.830 1.020	1.0 52.0 ERR 4.0 18.1 13.6 0.0	-166.9 -121.9 -148.8 289.1 -131.4 -149.0	0.19 1.95 0.26 ERR 4.12	4.72 1.99 7.40 5.10 5.88
(MP Elev.; ft,MS	6 7 8 9 10 11 12 13 14 15	25-Apr-00 19-Oct-00 17-Apr-01 10-Oct-01 18-Apr-02 09-Oct-02 16-Apr-03 02-Oct-03 15-Apr-04	12.04 13.60 13.02 12.81 11.10 14.41 11.42 11.35 10.69	807.00 805.44 806.02 806.23 807.94 804.63 807.62 807.69 808.35	12.60 17.50 11.70 19.89 14.20 19.80 12.50 18.76	7.20 6.76 6.81 6.78 6.93 7.10 7.09 6.94	0.910 0.558 0.666 1.873 0.840 0.830 1.020	52.0 ERR 4.0 18.1 13.6 0.0	-121.9 -148.8 289.1 -131.4 -149.0	1.95 0.26 ERR 4.12	1.99 7.40 5.10 5.88
(MP Elev.; ft,MS	7 8 9 10 11 12 13 14 15	19-Oct-00 17-Apr-01 10-Oct-01 18-Apr-02 09-Oct-02 16-Apr-03 02-Oct-03 15-Apr-04	13.60 13.02 12.81 11.10 14.41 11.42 11.35 10.69	805.44 806.02 806.23 807.94 804.63 807.62 807.69 808.35	17.50 11.70 19.89 14.20 19.80 12.50 18.76	6.76 6.81 6.78 6.93 7.10 7.09 6.94	0.558 0.666 1.873 0.840 0.830 1.020	ERR 4.0 18.1 13.6 0.0	-148.8 289.1 -131.4 -149.0	0.26 ERR 4.12	7.40 5.10 5.88
(MP Elev.; ft,MS	8 9 10 11 12 13 14 15	17-Apr-01 10-Oct-01 18-Apr-02 09-Oct-02 16-Apr-03 02-Oct-03 15-Apr-04	13.02 12.81 11.10 14.41 11.42 11.35 10.69	806.02 806.23 807.94 804.63 807.62 807.69 808.35	11.70 19.89 14.20 19.80 12.50 18.76	6.81 6.78 6.93 7.10 7.09 6.94	0.666 1.873 0.840 0.830 1.020	4.0 18.1 13.6 0.0	289.1 -131.4 -149.0	ERR 4.12	5.10 5.88
(MP Elev.; ft,MS	9 10 11 12 13 14 15	10-Oct-01 18-Apr-02 09-Oct-02 16-Apr-03 02-Oct-03 15-Apr-04	12.81 11.10 14.41 11.42 11.35 10.69	806.23 807.94 804.63 807.62 807.69 808.35	19.89 14.20 19.80 12.50 18.76	6.78 6.93 7.10 7.09 6.94	1.873 0.840 0.830 1.020	18.1 13.6 0.0	-131.4 -149.0	4.12	5.88
(MP Elev.; ft,MS	10 11 12 13 14 15 Baseline	18-Apr-02 09-Oct-02 16-Apr-03 02-Oct-03 15-Apr-04	11.10 14.41 11.42 11.35 10.69	807.94 804.63 807.62 807.69 808.35	14.20 19.80 12.50 18.76	6.93 7.10 7.09 6.94	0.840 0.830 1.020	13.6 0.0	-149.0		
(MP Elev.; ft,MS	11 12 13 14 15 Baseline	09-Oct-02 16-Apr-03 02-Oct-03 15-Apr-04	14.41 11.42 11.35 10.69	804.63 807.62 807.69 808.35	19.80 12.50 18.76	7.10 7.09 6.94	0.830 1.020	0.0		1.00	1.76
(MP Elev.; ft,MS	12 13 14 15 Baseline	16-Apr-03 02-Oct-03 15-Apr-04	11.42 11.35 10.69	807.62 807.69 808.35	12.50 18.76	7.09 6.94	1.020			0.23	5.24
(MP Elev.; ft,MS	13 14 15 Baseline	02-Oct-03 15-Apr-04	11.35 10.69	807.69 808.35	18.76	6.94		0.0	-183.0	0.00	8.68
(MP Elev.; ft,MS	14 15 Baseline	15-Apr-04	10.69	808.35			0.484	2.2	-187.0	0.00	5.92
(MP Elev.; ft,MS	15 Baseline	•				7.08	0.900	23.1	-167.0	0.00	5.85
(MP Elev.; ft,MS			1 .2.00	806.39	19.45	7.17	0.888	5.6	-193.0	3.99	4.68
(MP Elev.; ft,MS		27-May-97	11.15	806.05	12.60	7.09	0.806	48.0	-93.0	1.78	9.58
		22-Oct-97	12.39	804.81	15.40	6.92	0.785	29.4	-136.0	4.76	9.96
J	2	29-Apr-98	10.95	806.25	12.90	7.29	0.837	0.0	-117.7	1.03	9.24
	3	16-Oct-98	11.33	805.87	18.30	6.40	0.844	43.0	-111.2	0.13	5.86
	4	14-Apr-99	11.01	806.19	12.50	7.13	0.537	ERR	-123.5	0.12	1.89
	5	11-Oct-99	12.68	804.52	15.70	7.01	0.813	6.0	-193.9	0.14	3.82
	6	25-Apr-00	10.11	807.09	13.30	7.12	1.280	52.0	-107.7	1.61	1.65
	7	19-Oct-00	11.56	805.64	16.20	6.54	0.561	ERR	-127.4	0.09	10.0
	8	17-Apr-01	12.44	804.76	12.70	6.82	0.685	12.0	188.9	0.22	5.10
	9	10-Oct-01	10.62	806.58	18.18	6.75	1.217	0.0	-88.3	3.77	6.80
	10	18-Apr-02	9.10	808.10	12.80	6.46	0.990	0.1	-106.0	1.22	9.84
	11	09-Oct-02	11.60	805.60	16.65	6.94	0.875	1.9	-133.0	0.34	6.12
1	12	16-Apr-03	9.36	807.84	12.71	7.17	1.000	20.0	-139.0	0.46	6.60
	13	02-Oct-03	9.62	807.58	16.89	6.72	0.848	2.2	-132.0	2.95	6.36
.•	14	15-Apr-04	8.60	808.60	11.65	6.89	0.898	17.1	-110.0	0.00	2.32
1	15	07-Oct-04	10.50	806.70	17.64	6.90	0.879	0.0	-169.0	0.31	3.58
P18-1	Baseline	16-May-97	10.65	806.07	10.70	6.49	NR	>100	-50.0	2.12	5.10
(MP Elev.; ft,MS		21-Oct-97	Dry	_				-	-	-	
816.72	2	29-Apr-98	BTP	_	12.60	6.73	0.783	23.0	-188.4	1.36	7.98
Í	3	16-Oct-98	11.22	805.50		water for p			-		4.28
	4	13-Apr-99	9.69	807.03	12.70	6.96	0.566	1.0	-81.1	0.08	1.81
	5	11-Oct-99	Dry	_	42.00		- 0.027	~	422.0	ERR	2.40
	6 7	24-Apr-00	BTP	-	13.80	6.75	0.937	29.0	-123.9		3.40
ì		19-Oct-00	BTP BTP		19.10	6.85	1.000	1.0	-83.4 140.0	5.30 1.99	5.10
	8 9	17-Apr-01 10-Oct-01	BTP		9.90 20.38	6.44 6.58	0.732 2.045	18.0 4.1	149.0 -97.0	4.24	5.10 5.88
f	10	18-Apr-02	ВТР		15.80	6.86	0.897	8.3	-137.0	1.13	4.94
	111	09-Oct-02	ВТР		19.34	6.91	0.821	2.9	-1137.0	0.14	5.98
	12	16-Apr-03	ВТР	_	13.90	6.96	0.976	0.0	-193.0	0.00	3.83
	13	02-Oct-03	BTP		19.06	6.92	1.110	0.0	-157.0	0.58	3.24
	14	15-Apr-04	8.70	808.02	12.89	6.83	0.974	0.0	-139.0	1.94	3.00
1	15	07-Oct-04	ВТР		19.28	7.06	1.010	18.4	-173.0	7.57	4.20
P18-2	Baseline	16-May-97	13.67	806.37	12.00	6.73	0.881	6.7	-85.0	1.96	5.10
(MP Elev.; ft,MS		21-Oct-97	Samples Not Co			~	U.001		-05.0		J. 10 
820.04 <sup>(a)</sup>	' 2	29-Apr-98	ВТР	-	10.90	6.58	1.130	9.0	-234.9	0.14	19.0
817.91 <sup>(b)</sup>	3	16-Oct-98	ВТР	_	16.80	6.21	1.050	7.0	-23 <del>4</del> .5	0.45	6.50
1 017.91	3 4	13-Apr-99	ВТР	_	11.70	8.10	1.020	3.0	-73.6 -84.8	3.05	3.47
1	5	11-Oct-99	Samples Not Co	 ollected Woll		6. IU 	1.020	J.U 	-04.0	J.JJ	3.47
	6	24-Apr-00	BTP		12.20	6.82	1.150	21.0	-120.1	1.73	6.04
	7	19-Oct-00	ВТР		Insufficient			27.0		, 0	4.65
1	8	17-Apr-01	12.10	805.81	10.60	6.40	1.340	60.0	708.7	ERR	5.09
	9	10-Oct-01	BTP		19.15	6.26	2.452	4.7	-66.5	7.24	12.76
	10	18-Apr-02	ВТР		11.70	6.97	1.210	5.8	-41.0	1.88	5.02
1	11	09-Oct-02	ВТР	_	19.20	6.64	1.210	1.1	-79.0	0.78	12.90
	12	16-Apr-03	ВТР	_	11.30	6.49	1.250	21.4	-94.0	0.00	7.76
	13	02-Oct-03	Samples Not Co			0.43		21.4	-3-4.0	0.00 	
	14	15-Apr-04	9.84	808.07	10.64	6.71	0.930	0.0	-116.0	2.37	6.48
	15	07-Oct-04	11.81	806.10	20.36	6.69	1.190	0.0	-128.0	0.00	>13.2

#### Table 5-1 **OU2 Round 15 Groundwater Monitoring Field Parameters** Wright-Patterson AFB, Ohio Page 4 of 4

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			Static Depth	Water Level							
Well Number	Sampling Round	Date Sampled	to Water	Elevation (ft, MSL)	Temp. (C°)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)	DO (ma/L)	Ferrous Iron
Wells Sampled	Round	Sampled	(ft, TOC)	(II, MSL)	(0)	(50)	(HIS/CIII)	(NIU)	(mv)	(mg/L)	(mg/L)
Periodically			į								
04-606-M	13	02-Oct-03	9.25	810.93	15.20	7.07	0.566	2.0	-148.0	0.00	2.14
(MP Elev; ft,MSL)	,,,	02 00.00	0.20	0.000	10.20		0.000	2.0	. 70.0	0.00	2. * *
820.18											
			]								
MW11-1	13	02-Oct-03	9.75	811.58	16.51	6.96	0.495	18.7	25.0	3.37	9.75
(MP Elev; ft,MSL)			1								
821.33											
NEA-MW20-1D			1								
(MP Elev.; ft,MSL)	15	07-Oct-04	9.90	809.47	17.00	7.05	0.817	3.1	30.0	2.82	0.00
819.37		01-001-04	3.50	000.47	17.00	7.00	0.011	3.1	30.0	2.02	0.00
0,0.0,											
NEA-MW21-2D											
(MP Elev.; ft,MSL)	15	07-Oct-04	12.05	806.87	15.64	7.06	0.796	0.0	50.0	1.80	0.00
818.92											
NEA-MW22-3S	Baseline	21-May-97	9.00	808.87	11.20	7.22	0.813	15.8	8.0	3.37	0.51
(MP Elev.; ft,MSL)	14	16-Apr-04	5.51	812.36	11.18	6.75	0.856	210.0	90.0	3.31	>13.32
819.48 <sup>(a)</sup>	, .		3.07						****		
817.87 <sup>(b)</sup>			1								
017.07											
NEA-MW23-2S	2 <sup>(1)</sup>	16-Apr-98	8.50	809.56	10.30	7.14	0.712	0.0	-44.5	4.78	NS
(MP Elev.; ft,MSL)	4 <sup>(1)</sup>	23-Apr-99	8.42	809.64	14.70	7.10	0.781	2.0	207.5	1.94	NS
818.06 <sup>(a)</sup>	6(1)	20-Apr-00	6.94	809.56	11.90	7.34	1.250	0.0	128.3	3.90	NS
816.50 <sup>(b)</sup>	8 <sup>(1)</sup>	17-Apr-01	7.75	808.75	9.70	6.88	0.796	0.0	67.0	2.46	NS
	10 <sup>(1)</sup>	18-Apr-02	7.32	809.18	15.70	7.10	0.915	17.2	-16.0	3.27	NS
	11	09-Oct-02	8.51	807.99	18.51	7.19	0.800	2.9	38.0	1.49	0.00
	13	02-Oct-03	6.67	809.83	17.78	7.01	0.950	22.3	-47.0	0.67	0.00
NEA-MW24-2S	2(1)	14-Apr-98	10.92	808.19	11.70	7.20	0.910	0.0	175.1	5.81	NS
(MP Elev.; ft,MSL)	4(1)	23-Apr-99	9.65	809.46	14.20	7.02	0.920	17.0	149.3	4.41	NS
819.11	6 <sup>(1)</sup>	•		809.15	12.70	7.02	1.350	22.0	43.7	7.24	NS
019.11	8 <sup>(1)</sup>	20-Apr-00	9.96	808.26			0.940			13.17	NS
	10 <sup>(1)</sup>	17-Apr-01	10.85		10.00	6.81		14.0	88.2		
		18-Apr-02	9.48	809.63	25.80	7.43	1.060	40.9	267.0	3.66	NS 0.00
	11	10-Oct-02	9.93	809.18	15.83	6.96	1.040	14.8	60.0	4.40	0.00
NEA-MW25-1D	8	16-Apr-01	11.20	804.18	12.30	7.06	0.807	2.0	-103.8	0.17	1.16
(MP Elev.; ft,MSL)		•									
815.38 <sup>(b)</sup>											
	ļ		ļ								
NEA-MW25-2I	8	16-Apr-01	11.38	804.14	12.30	6.93	0.807	8.0	-123	0.97	1.75
(MP Elev., ft,MSL)			1								
815.52 <sup>(b)</sup>			}								
NEA-MW25-3S	6	25-Apr-00	10.25	804.95	12.80	7.05	1.190	20.0	4.8	2.79	0.00
(MP Elev.; ft,MSL)	· ·	20-Apr-00	'0.23	004.00	12.00	,.05	1.130	20.0	7.0	2.75	5.00
815.20 <sup>(b)</sup>											
013.20											
OW-6	6	19-Apr-00	10.55	806.15	12.70	7.14	1.310	22.0	52.5	11.67	0.18
(MP Elev., ft,MSL)	11	09-Oct-02	10.54	806.16	19.22	7.22	1.060	0.0	-95.0	2.93	0. <b>97</b>
816.7			]								

<sup>(1) -</sup> Wells NEA-MW23-2S and NEA-MW24-2S are normally sampled annually for only metals under the LTM program.

This table presents field parameters taken during previous annual metal sampling events for comparison.

MP - Monitoring point

mg/L - milligrams per liter

BTP - Below top of pump

ft,TOC - feet below top of casing

DO - Dissolved Oxygen

ft, MSL - feet, ref. Mean sea level

NA - Not available

C° - Degrees Celsius

NR - No reading

SU - Standard Units

NS - Not sampled

**ORP - Oxygen Reduction Potential** 

(a) - MP Elevation prior to October 1999.

(b) - MP Elevation after flush-mounting (Oct 1999).

\* - Iron measurements were taken on 10/19/00.

\*\* - Well monument was incorrectly tagged in the field (MW28-4I).

Actual well (MW28-5S) was sampled in December 2000 for Round 7.

ERR - Equipment error

NTU - Nephelometric turbidity units

mS/cm - microSeimen per centimeter

mV - millivolts

#### Table 5-2 Summary of OU2 Round 15 and Historical Groundwater Analytical Results Wright-Patterson AFB, Ohio Page 1 of 4

WELL NUMBER	SAMPLING ROUND	SAMPLE DATE	Ethane (mg/L)	Ethene (mg/L)	Methane (mg/L)	Benzene (μg/L)	Toluene (μg/L)	Ethylbenzene (µg/L)	Total Xylenes (μg/L)	Total BTEX (μg/L)	Sulfate (mg/L)	Nitrate (mg/L)
Wells Sampled Sem	i-Annually											
04-016-M	_	02-Sep-88	NA	NA	NA	63	ND	ND	ND	63	NA .	NA.
		12-Aug-91	NA 0.000	NA	NA.	440	NA NA	ND	ND	440	0.58	0.142
	Baseline 1	21-May-97 22-Oct-97	0.002 ND	ND ND	19.4 25.6	8.8 12	ND 5.6	ND 6.6	ND 9.7	8.8 33.9	ND ND	ND ND
	2	28-Apr-98	0.001	ND	25.0 15.4	6.6	12	50	3.4	33.9 72	ND ND	ND
	3	15-Oct-98	0.002	ND	12.7	8.6	6.5	31	ND	46.1	ND	ND
	4	13-Apr-99	0.001	ND	9.59	2.6	1.2	28	ND	31.8	ND	ND
	5	11-Oct-99	0.002	ND	14.7	14	6.1	67	4.0	91.1	ND	ND
	6	25-Apr-00	0.002	ND	12.9	5.4°	3.0*	ND	37	45.4*	ND	ND
	7	19-Oct-00	0.00083	ND	7.0 DB	9.2	0.77 J	ND	ND	9.97 J	ND	ND
	8	17-Apr-01	0.0011	ND	4.1 DB	3.8	0.68 J	1.4	3.9	9.78 J	5.2	ND
	9	10-Oct-01	0.00083	ND	8.3 DB	7.2 D	0.42 JD	0.81 JD	1 4 JD	9.83 JD	ND	ND
	9	Duplicate	0.00074	ND	7.9 DB	7.4 D	0.43 JD	0.74 JD	1.4 JD	9 97 JD	ND	ND
	10	18-Apr-02	0.00056	ND	7.3 DB	8.6 D	ND	1.8 JD	0.88 JD	11.28 JD	ND	ND
	11	09-Oct-02	ND	ND	1.3 D	5.2 D	ND	ND	ND	5.2 D	ND	ND
	11 12	Duplicate 10. Apr. 03	ND ND	ND ND	1.2 D 1.1 D	5.5 2.7 D	ND ND	ND ND	ND ND	5.5 2.7 D	ND ND	ND ND
	12	16-Apr-03 Duplicate	ND ND	ND	0.25 D	2.7 D	ND	ND	ND	2.7 D 2.7 D	ND	ND
1	13	02-Oct-03	ND	ND	2.0 D	ND ND	ND	ND ND	ND	ND	ND	ND
	13	Duplicate	0.009 JD 0		2.5 D	ND	ND	ND	ND	ND	ND	ND
	14	16-Apr-04	ND ND	ND ND	1.3 D	0.58 J	ND	ND	ND	0.58 J	ND	ND
	14	Duplicate	ND	ND	1.0 D	0.55 J	ND	ND	ND	0.55 J	ND	ND
	15	7-Oct-04	0.0014 JD	ND	1.9 D	ND	0.36 J	ND	ND	0.36 J	ND	ND
04-518-M		06-Sep-88	NA NA	NA	NA	560	2500	1500	5700	10260	NA	NA
04-310-M	-	Duplicate	NA NA	NA.	NA NA	2600	13000	8300	36000	59900	NA	NA
	-	09-Aug-91	NA	NA	NA	27	ND	100	46	173	0.11	0.094
	Baseline	13-May-97	ND	ND	7.67	160	5. <b>6</b>	290	23	478.6	ND	ND
	1	21-Oct-97	ND	ND	12.6	42	2.3	45	12	101.3	ND	ND
	2	29-Apr-98	ND	ND	13.4	100	17	170	ND	287	ND	ND
	3	15-Oct-98	ND	ND	9.99	52	43	41	12	148	ND	ND
<b>!</b>	4	13-Apr-99	ND	ND	14.2	120	12	680	15	827	ND	ND
İ	4	Duplicate	ND	ND	16.3	250	25	460	ND	735	ND	ND
	5	11-Oct-99	ND	ND	11.8	16	13	6.8	5.0	40.8	ND	ND
	6	24-Apr-00	ND	ND	12.8	160	ND	64	ND	224	ND**	ND**
	7 8	17-Oct-00	ND	ND	4.7 DB	20 23	ND ND	ND 5.3 J	ND ND	20	ND ND	ND ND
	9	18-Apr-01 11-Oct-01	ND ND	ND ND	5.0 DB 7.3 DB	20 D	ND ND	ND	ND	28.3 J 20 D	ND ND	ND
	10	17-Apr-02	ND	ND	5.2 DB	13 D	ND	1.6 JD	ND	14.6 JD	ND	ND
	11	10-Oct-02	ND	ND	1.2 D	4.5 JD	ND	ND	ND	4.5 JD	ND	ND
	12	17-Apr-03	ND	ND	1.0 D	ND	ND	ND	ND	ND	ND	ND
	13	02-Oct-03	Well Aband		-	-	-	-				
NEA-MW20-2S	_	16-Dec-92	NA NA	NA	NA	75	ND	70	75	220	9.78	ND
	_	05-May-93	NA	NA	NA	39	ND	46	46	131	1600	ND
	-	08-Sep-93	NA.	NA	NA	14	1.0	31	14	60	1.09	ND
	Baseline	22-May-97	ND	ND	21.3	46	ND	4.6	1.1	51.7	ND	ND
	1	21-Oct-97	ND	ND	24.4	45	7 1	6.8	10	68.9	ND	ND
	2	17-Apr-98	ND	ND	32.2	39	ND	2.7	4.1	45.8	ND	ND
	3	15-Oct-98	ND	ND	16	22	ND	ND	ND	22	ND	ND
i	4	13-Apr-99	0.027	ND	25.5	37	ND	ND	ND	37	ND	ND
	5	11-Oct-99	0.001	ND	21.7	56	5.9	3.4	ND	65.3	ND	ND
1	5	Duplicate	0.002	ND	21.8	54	6.5	3.6	ND	64.1	ND	ND
	6	20-Apr-00	ND*	NDA	30.3 <sup>A</sup>	76	2.3*	ND	3.2*	81.5*	ND	ND
	7 7	17-Oct-00	ND ND	ND	6.8 DB	46	ND	ND ND	ND	46	2.4	ND ND
	8	Duplicate 19-Apr-01	ND ND	ND ND	6.2 DB 6.8 DB	46 35	ND ND	ND ND	ND ND	46 35	2.0 ND	ND ND
	8	19-Apr-01 Duplicate	ND ND	ND ND	6.8 DB 5.6 DB	35	ND ND	ND ND	ND ND	35 38	ND ND	ND
	9	17-Oct-01	ND ND	ND	6.3 DB	39 D	ND	ND ND	ND	39 D	ND	ND
	10	16-Apr-02	ND	ND	6.8 DB	41 D	ND	0.56 JD	ND	41.56 JD	ND	ND
	10	Duplicate	ND	ND	7.6 DB	43 D	0.38 JD	0.50 JD	ND	43.88 JD	ND	ND
	11	09-Oct-02	ND	ND	1.2 D	26 D	ND	ND	ND	26 D	ND	ND
	12	17-Apr-03	ND	ND	1.3 D	23 D	ND	ND	ND	23 D	ND	ND
	12	Duplicate	ND	ND	1.1 D	22 D	ND	ND	ND	22 D	ND	ND
	13	02-Oct-03	ND	ND	1.2 D	13 D	ND	ND	ND	13 D	ND	ND
	14	15-Apr-04	ND	ND	1.2 D	9.3 D	ND	ND	ND	9.3 D	5.3	ND
ļ	14	Duplicate	ND	ND	0.98 D	8.9 D	ND	ND	ND	8.9 D	4.9	ND
l	15 15	7-Oct-04 Duplicate	ND ND	ND ND	1.5 D 1.5 D	23 D 24 D	ND ND	ND ND	1.5 JD 1.6 JD	24.5 JD 25.6 JD	1.0 ND	ND ND
	,,	·				l						
NEA-MW21-3S	-	16-Dec-92	NA 0.002	NA ND	NA 42	77	54 ND	82	150 J	363 J	1.05 J	ND
	4 4	13-Apr-99 Duplicate	0.003 0.002	ND ND	13	240 200	ND ND	110 92	140 130	490 422	ND ND	ND ND
	5	11-Oct-99	0.002	ND	13.9 14.6	230	10	110	70	422	ND ND	ND
	6	24-Apr-00	0.002	ND	25.5	300	ND	110	120	530	ND ND	ND
ļ	6	Duplicate	0.005	ND	23.5	290	ND	120	110	520	ND	ND
ļ	7	19-Oct-00	0.00067	ND	5.8 DB	290	ND	260	320	870	ND	ND
	7	Duplicate	0.00058	ND	4.7 DB	290	ND	250	330	870	ND	ND
]	8	18-Apr-01	0.00038	ND	6.4 DB	49	ND	32	28	109	ND	ND
	9	17-Oct-01	0.00054	ND	4.5 DB	46 D	7.4 D	45 D	59 D	157.4 D	ND	ND
1	10	16-Apr-02	0.00034 0.00036 J	ND	3.0 DB	25 D	0.55 JD	47 D	28 D	100.55 JD	ND	ND
1	11	09-Oct-02					ystem in place					
		23-Apr-03	ND ND	ND	1.1 D	7.5 D	ND	3.4 JD	ND	10.9 JD	17	ND
}	12											
	12 13								-		-	_
	12 13 14	02-Oct-03 15-Apr-04					ystem in place ND		ND	 10.0 D	 ND	

#### Table 5-2 Summary of OU2 Round 15 and Historical Groundwater Analytical Results Wright-Patterson AFB, Ohio Page 2 of 4

WELL NUMBER	SAMPLING ROUND	SAMPLE DATE	Ethane (mg/L)	Ethene (mg/L)	Methane (mg/L)	Benzene (μg/L)	Toluene (µg/L)	Ethyfbenzene (μg/L)	Total Xylenes (μg/L)	Total BTEX (μg/L)	Sulfate (mg/L)	Nitrat (mg/L
NEA-MW26-3S		11-Oct-92	NA	NA	NA	ND	320	12000	5700	18020	ND	ND
	-	26-Oct-92	NA.	NA	NA	ND	55	200	150	405	ND	ND
		06-Dec-92	NA	NA	NA	ND	ND	ND	ND	ND	61.3	ND
		24-Apr-93	NA	NA	NA	ND	ND	ND	ND	ND	101	ND
	-	14- <b>M</b> ay-93	NA	NA	NA	ND	ND	ND	ND	ND	37	ND
	Baseline	14-May-97	ND	ND	0.109	ND	ND	ND	ND	ND	ND	ND
	6	24-Apr-00	ND	ND	0.002	ND	ND	ND	ND	ND	102**	ND**
	7	17-Oct-00	ND	ND	0.026 B	ND	0.22 J	ND	ND	0.22 J	54.5	ND
	8	17-Apr-01	ND	ND	0.038 B	ND	ND	ND	ND	ND	57.5	ND
i	9	15-Oct-01	ND	ND	0.110 DB	ND	ND	ND	ND	ND	42.4	ND
	10	18-Apr-02	ND	ND	0.063 B	ND	ND	ND	ND	ND	45.5	ND
	11	09-Oct-02	ND	ND	0.099	ND ND	ND	ND ND	ND	ND	39	ND
	12 13	09-Apr-03 02-Oct-03	ND ND	ND ND	0.014 0.066	ND	ND ND	ND ND	ND ND	ND ND	52.1 34.6	ND ND
	14	16-Apr-04	ND	ND	0.026	ND	ND	ND	ND	ND	35.7	0.56
	15	7-Oct-04	ND	ND	0.028	ND	ND	ND	ND	ND	39.6	ND
		1-00,01	'"	,,,,	0.000	""	.,,	140	.,,	ND.	****	
NEA-MW28-4I	_	08-Dec-92	NA NA	NA	NA	44	ND	ND	ND	44	0.86 J	ND
	_	21-Apr-93	NA.	NA	NA	23	0.8 J	ND	ND	23.8 J	0.636 J	ND
	_	09-Sep-93	NA.	NA	NA	1.0 J	ND	ND	ND	1.0 J	1.37 J	0 0674
	Baseline	14-May-97	ND	ND	7 27	ND	ND	ND	ND	ND	ND	ND
	1	20-Oct-97	ND	ND	4.41	ND	ND	ND	ND	ND	4.65	ND
i	2	28-Apr-98	ND	ND	13.6	ND	ND	ND	ND	ND	ND	ND
	3	15-Oct-98	ND	ND	191	ND	ND	ND	ND	ND	2.0	ND
	4	13-Apr-99	ND	ND	6.9	ND	ND	ND	ND	ND	3.6	ND
	5	11-Oct-99	ND	ND	4.4	ND	ND	ND	ND	ND	1.9	ND
	6	24-Apr-00	0.001	ND	11.1	ND	ND	ND	ND	ND	ND	ND
	6	Duplicate	0.001	ND	13.2	ND	ND	ND	ND	ND	ND	ND
	7 <sup>B</sup>	17-Oct-00	ND	ND	1 9 DB	ND	0.21 J	ND	ND	0.21 J	ND	ND
EA-MW28-5\$		08 0 03	NA	NA	ALA	120	ND	ND	ND	120	1.06 J	ND
EA-M W 20-33		08-Dec-92	NA NA	NA NA	NA NA	500	ND ND	ND	ND ND	120 500	1.06 J	ND
	-	21-Apr-93 10-Sep-93	NA NA	NA.	NA NA	250	ND	1.0	ND	251	0.675 J	ND
	7 <sup>B</sup>	08-Dec-00	0.00029 J	ND	5.4 DB	0.46 J	ND	ND	ND	0.46 J	ND	ND
	7 <sup>8</sup>		l .			0.46 J 0.28 J						
	8	Duplicate	0.00029 J 0.00027 J	ND ND	5.5 DB 4.0 D	0.28 J ND	ND ND	ND ND	ND ND	0.28 J	ND 17	ND ND
	9	17-Apr-01 15-Oct-01	ND	ND	3.4 DB	ND	ND	ND	ND	ND ND	1.7 ND	ND
ľ	9	Duplicate	ND	ND	3.5 DB	ND	ND	ND	ND	ND	ND	ND
	10	16-Apr-02	0.00019 J	ND	3.3 DB	ND	ND	ND	ND	ND	ND	ND
	11	10-Oct-02	ND	ND	1.1 D	ND	ND	ND	ND	ND	3.8	ND
	11	Duplicate	ND	ND	1.1 D	ND ND	ND	ND	ND	ND	4.0	ND
i	12	09-Apr-03	ND	ND	0 84 D	ND	ND	ND	ND	ND	3.4	ND
	13	02-Oct-03	ND	ND	1 5 D	ND	0.26 J	ND	ND	0.26 J	4.6	ND
	14	16-Apr-04	ND	ND	1.0 D	0.30 J	ND	ND	ND	0.30 J	8.3	ND
	15	7-Oct-04	ND	ND	1.1 D	ND	ND	ND	ND	ND	7.0	ND
OW-1	Baseline	14-May-97	ND	ND	11.7	430	ND	1.3	ND	431.3	ND	ND
	1	20-Oct-97	ND	ND	13.2	400	8.5	1.8	8.3	418.6	ND	ND
	2	28-Apr-98	ND	ND	11.2	460	28	ND	ND	488	NĐ	ND
	3	15-Oct-98	0.002	ND	12 9	160	7 1	ND	ND	167.1	ND	ND
	4	13-Apr-99	ND	ND	14	150	19	11	11	191	ND	ND
	5	13-Oct-99	0.001	ND	8.29	13	12	6.8	3.6	35.4	ND	ND
	6	24-Apr-00	0.002	ND	12.8	13*	3 5	ND	48	21.3*	ND	ND
	7	17-Oct-00	0.00035 J	ND	4.2 DB	ND	ND	ND	ND	ND	ND	ND
	8	16-Apr-01	0.00049 J	ND	5.6 DB	0.84 J	ND	ND	ND	0.84 J	1.3	ND
	8	Duplicate	0.00051 0.00051	ND	5.6 DB	0 85 J	ND	ND	ND	0.85 J	1.2 ND	ND
	9	15-Oct-01	0.00050	ND	4.5 DB	ND	ND	ND ND	ND	ND ND	ND	ND
	9 10	Duplicate 16-Apr-02	0.00059	ND ND	4.8 DB 5.1 DB	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	11	10-Apr-02 10-Oct-02	ND ND	ND	19D	ND ND	ND	ND	ND	ND	ND	ND
Į	12	17-Apr-03	ND	ND	16 D	ND	ND	ND	ND	ND	ND	ND
i	13	02-Oct-03	ND	ND	3.0 D	7.2 D	ND	ND	ND	72 D	ND	ND
	14	16-Apr-04	ND	ND	15D	2.7 D	0.67 JD	ND	ND	3.37 JD	ND	ND
	15	7-Oct-04	ND	ND	2 4 D	0.89 JD	ND	ND	ND	0.89 JD	ND	ND
	15	Duplicate	ND	ND	2 8 D	0.98 JD	0.37 JD	ND	ND	1 35 JD	ND	ND
OW-2	Baseline	21-May-97	ND	ND	24 9	ND	ND	ND	ND	ND	10	0.5
···-	3	21-Oct-98	0.001	ND	14.9	ND	ND	ND	ND	ND	ND	ND
	3	Duplicate	0.002	ND	13.7	ND	5.1	ND	ND	5.1	ND	ND
	4	13-Apr-99	0 0 1 9	ND	20.5	ND	2.3	2.4	ND	4.7	ND	ND
j	5	11-Oct-99	0.002	ND	21.1	2.4	7.7	2.6	1.5	14.2	ND	ND
ļ	6	25-Apr-00	0.003	ND	23	ND	3.0*	ND	3.5*	6.5*	ND	ND
1	7	19-Oct-00	0.0005	ND	7 3 DB	ND	ND	ND	ND	ND	ND	ND
l	8	17-Apr-01	0.00048 J	ND	6.9 DB	ND	ND	ND	ND	ND .	ND	ND
	9	10-Oct-01	0.00024 J	ND	9 3 DB	ND	ND	ND	ND	ND	ND	ND
	10	18-Apr-02	0.0003 J	ND	9.0 DB	ND	ND	ND	ND	ND	ND	ND
1	10	Duplicate	0 0003 J	ND	8.7 DB	ND	ND	ND	ND	ND	ND	ND
ľ	11	09-Oct-02	ND	ND	1 5 D	ND	ND	ND	ND	ND	ND	ND
ļ.	12	16-Apr-03	ND	ND	16D	ND	ND	ND	ND	ND	ND	ND
ļ	13	02-Oct-03	ND	ND	2 7 D	ND	ND	ND	ND	ND	ND	ND
)	14	15-Apr-04	ND	ND	1.7 D	ND	ND	ND	ND	ND	ND	ND
ı						ND	ND	ND	ND			

#### Table 5-2 Summary of OU2 Round 15 and Historical Groundwater Analytical Results Wright-Patterson AFB, Ohio Page 3 of 4

WELL NUMBER	SAMPLING ROUND	SAMPLE DATE	Ethane (mg/L)	Ethene (mg/L)	Methane (mg/L)	Benzene (µg/L)	Toluene (μg/L)	Ethylbenzene (μg/L)	Total Xylenes (μg/L)	Total BTEX (μg/L)	Sulfate (mg/L)	Nitrate (mg/L)
OW-3	Baseline	22-May-97	ND	ND	12.1	2.2	ND	ND	ND	2.2	ND	ND
	1	23-Oct-97	ND	ND	12.4	8.2	7.6	4.2	7.2	27.2	1.52	ND
	2	29-Apr-98	ND	ND	16.5	8.7	ND	7.1	2.6	18.4	ND	ND
	3	15-Oct-98	ND	ND	13.8	ND	ND	ND	ND	ND	ND	ND
	4 5	13-Apr-99	0.008	ND	15.9	10 7.0	13	6.2 5.9	7.3	36.5 29.9	ND ND	ND ND
	6	11-Oct-99 25-Apr-00	0.001	ND ND	10.1 21	6.8*	11 2.6*	ND	6.0 5.7*	15.1°	ND	ND
	7	19-Oct-00	0.00031 J	ND	4.5 DB	ND	ND	ND	ND	ND	ND	ND
	8	17-Apr-01	0.0007	ND	3.9 D	ND	ND	ND	ND	ND	1.0	ND
	9	10-Oct-01	0.00036 J	ND	4.6 DB	ND	ND	ND	ND	ND	ND	ND
i	10	18-Apr-02	0.00054	ND	5.3 DB	ND	ND	ND	ND	ND	ND	ND
	11 12	09-Oct-02 16-Apr-03	ND ND	ND ND	1.0 D 0.86 D	ND ND	ND ND	ND ND	ND ND	ND ND	1.3 ND	ND ND
	13	02-Oct-03	ND	ND	2.2 D	ND	ND	ND	ND	ND	ND	ND
	14	15-Apr-04	ND	ND	1.5 D	ND	ND	ND	ND	ND	ND	ND
	15	7-Oct-04	ND	ND	1.8 D	NĐ	ND	ND	ND	ND	ND	ND
OW-4	Baseline 1	27-May-97 22-Oct-97	ND ND	ND ND	19.5 13.7	ND 4.0	ND ND	ND ND	ND 3.3	ND 7.3	3.0 ND	ND ND
	2	29-Apr-98	ND	ND	12.6	ND	4.3	3.1	1.5	8.9	ND	ND
	3	15-Oct-98	0.001	ND	10.8	ND	1.0	1.2	ND	2.2	1.2	ND
i	4	14-Apr-99	0.002	ND	9.91	ND	4.5	2.2	2.6	9.3	1.0	ND
	5 6	11-Oct-99 25-Apr-00	0.001 0.004	ND ND	10.8 16.8	ND ND	3.2 1.2*	2.3 ND	1,2 1,3*	6.7 2.5*	ND 7.0	ND ND
	7	25-Apr-00 19-Oct-00	0.004 0.00029 J	ND ND	16.8 4.3 DB	ND ND	ND	ND ND	ND	ND	1.5	ND
	8	17-Apr-01	0.00023 J	ND	3.4 D	ND	ND	ND	ND	ND	2.0	ND
	9	10-Oct-01	ND	ND	7.8 BD	ND	ND	ND	ND	ND	2.3	ND
j	10	18-Apr-02	ND	ND	5.8 DB	ND	ND	ND	ND	ND	ND	ND
1	11 12	09-Oct-02	ND ND	ND ND	1.1 D 1.2 D	ND ND	ND ND	ND ND	ND ND	ND ND	2.9 ND	ND ND
	13	16-Apr-03 02-Oct-03	ND ND	ND	0.35 D	ND ND	ND ND	ND ND	ND	ND ND	7.3	ND
	14	15-Apr-04	ND	ND	0.12	ND	ND	ND	ND	ND	23.6	ND
	15	7-Oct-04	ND	ND	0.23	ND	ND	ND	ND	ND	42.8	ND
P18-1	 Baseline	12-Aug-91 16-May-97	NA ND	NA ND	NA 11.5	570 5.5	na ND	54 ND	280 ND	904 5.5	0.24 10	0.107 0.5
	1	20-Oct-97	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2	29-Apr-98	ND	ND	7.27	15	13	7.4	11	46.4	ND	ND
}	3	16-Oct-98	ND	ND	4.36	15	13	7.4	ND	35.4	ND	ND
	4	13-Apr-99	0.009	ND	17.3	4.6	13	7.1	20	44.7	ND	ND
	5	11-Oct-99	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
1	6 7	24-Apr-00	ND	ND	7.29	5.7°	ND	ND ND	ND	5.7* ND	ND	ND ND
	8	19-Oct-00 17-Apr-01	ND ND	ND ND	6.0 DB 3.6 D	ND ND	ND ND	ND ND	ND ND	ND ND	ND 1.1	ND
	9	10-Oct-01	ND	ND	3.5 BD	ND	ND	ND	ND	ND	ND	ND
	10	18-Apr-02	ND	ND	2.8 DB	ND	ND	ND	ND	ND	ND	ND
	11	09-Oct-02	ND	ND	0.65 D	ND	ND	ND	ND	ND	ND	ND
	12	16-Apr-03	ND	ND	0.42 D	ND	ND	ND	ND	ND	ND	ND
1	13 14	02-Oct-03	ND ND	ND ND	0.82 D 0.68 D	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	15	15-Apr-04 7-Oct-04	ND	ND	1.1 D	ND:	ND	ND	ND	ND	ND	ND
P18-2		12-Aug-91	NA	NA	NA	1900	NA	450	490	2840	0.15	0.013
	Baseline	16-May-97	ND	ND	16.9	130	ND	43	ND DBV	173	1.7	ND DRY
1	1 2	20-Oct-97 29-Apr-98	DRY ND	DRY ND	DRY 8.24	DRY 66	DRY 8.5	DRY 29	DRY 4.7	DRY 108 2	DRY ND	1.0
1	3	16-Oct-98	ND	ND	16.2	42	ND	ND	ND	42	ND	ND
1	4	13-Apr-99	ND	ND	8.96	ND	ND	ND	ND	ND	ND	ND
	5	11-Oct-99	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
ſ	6	24-Apr-00	ND	ND	2.08	8.2*	ND	50 ND	ND	58.2*	32.6**	ND**
ł	7 8	19-Oct-00 17-Apr-01	ND ND	ND ND	5.0 DB 1.9 D	ND 1.0 J	ND ND	ND ND	ND ND	ND 1.0 J	ND 191	ND 1.1
	9	10-Oct-01	ND ND	ND	8.2 DB	0.54 JD	ND	ND ND	ND ND	0.54 JD	1.2	ND
	10	18-Apr-02	ND	ND	3.6 DB	ND	ND	ND	ND	ND	25.9	ND
	11	09-Oct-02	ND	ND	1.4 D	ND	ND	ND	ND	ND	14.8	ND
	12	16-Apr-03	ND	ND	1.3 D	ND	ND	ND	ND	ND	5.2	ND
ļ	13	02-Oct-03	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	14 15	15-Apr-04 7-Oct-04	ND ND	ND ND	2.2 D 3.4 D	ND ND	ND ND	ND ND	ND 1.2 JD	ND 1.2 JD	2.1 ND	ND ND
ells Sampled Perio	edically											
	-	06-Sep-88 02-Oct-03	NA ND	NA ND	NA 0.00072	ND ND	ND ND	ND ND	ND ND	ND ND	NA 110	NA ND
04-606-M			,,,,		0.00072 NA							
04-606-M	13	00 4 01			NA I	ND	ND	ND	ND	ND	50 J	0.582 J 0.71
	 13	09-Aug-91 02-Oct-03	NA ND	NA ND	ND	ND	ND	ND	ND	ND	53.3	
04-606-M						ND ND	ND ND	ND ND	ND ND	ND ND	53.3 53.5	0.71
04-606-M MW11-1	13 13	02-Oct-03 Duplicate 09-Dec-92	ND ND NA	ND ND NA	ND ND NA	ND ND	ND ND	ND ND	ND ND	ND ND	53.5 75.5 J	0.71 2.12
04-606-M MW11-1	13 13	02-Oct-03 Duplicate 09-Dec-92 05-May-93	ND ND NA NA	ND ND NA NA	ND ND NA NA	ND	ND ND ND	ND	ND ND ND	ND	53.5	0 71
04-606-M MW11-1	13 13 	02-Oct-03 Duplicate 09-Dec-92	ND ND NA	ND ND NA	ND ND NA	ND ND ND	ND ND	ND ND ND	ND ND	ND ND ND	53.5 75.5 J 77.8 J	0.71 2.12 2.31
04-606-M	 13 13  	02-Oct-03 Duplicate 09-Dec-92 05-May-93 08-Sep-93	ND ND NA NA NA	ND ND NA NA NA ND	ND ND NA NA NA 0.00022 J	ND ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	20 20 20 20 20 20 20 20 20 20 20 20 20 2	53.5 75.5 J 77.8 J 77.2 80 79.6 J	0 71 2.12 2.31 2.09 1.6
04-606-M MW11-1 NEA-MW20-1D	 13 13   15	02-Oct-03 Duplicate 09-Dec-92 05-May-93 08-Sep-93 7-Oct-04	ND ND NA NA NA ND	ND ND NA NA NA ND	ND ND NA NA NA 0.00022 J	ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	70 70 70 70 70	53.5 75.5 J 77.8 J 77.2 80	0 71 2.12 2.31 2.09 1.6

#### Table 5-2 Summary of OU2 Round 15 and Historical Groundwater Analytical Results Wright-Patterson AFB, Ohlo Page 4 of 4

WELL NUMBER	SAMPLING ROUND	SAMPLE DATE	Ethane (mg/L)	Ethene (mg/L)	Methane (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (μg/L)	Total Xylenes (μg/L)	Total BTEX (μg/L)	Sulfate (mg/L)	Nitrate (mg/L)
NEA-MW22-3S	_	5-Dec-92	NA NA	NA	NA	3.0	ND	ND	ND	3.0	51,0	ND
NEX-M1722-30		6-May-93	NA NA	NA.	NA I	ND	ND	ND	ND	ND	59.7	ND
	-	7-Sep-93	NA.	NA.	NA I	ND	ND	ND	ND	ND	46.1	ND
	14	16-Apr-04	ND	ND	0.00031 J	ND	ND	ND	ND	ND	43.2	0.96
NEA-MW23-2S		05-Dec-92	l NA	NA	NA	ND	ND	ND	ND	ND	21.5	ND
NEA-MIII J 20	~	24-Apr-93	NA.	NA	NA NA	ND	ND	ND	ND	ND	33.8	0.0359
	_	01-Sep-93	NA.	NA	NA	ND	ND	ND	ND	ND	7.02	0.062
	Baseline	16-May-97	ND	ND	0.017	ND	ND	ND	ND	ND	17.0	0.70
	11	09-Oct-02	ND	ND	0.0079	ND	ND	ND	ND	ND	4.9	ND
	13	02-Oct-03	ND	ND	0.031	ND	ND	ND	ND	ND	11.3	ND
NEA-MW24-2S		08-Dec-92	NA NA	NA	NA	ND	ND	ND	ND	ND	71.6	2 18
		25-Apr-93	NA NA	NA	NA I	ND	ND	ND	ND	ND	77.5	2.77
	_	01-Sep-93	NA	NA	NA	ND	ND	ND	ND	ND	83.1	2.42
	Baseline	23-May-97	ND	ND	ND	ND	ND	ND	ND	ND	66.5	2.00
	11	10-Oct-02	NS	NS	NS	ND	ND	ND	ND	ND	NS	NS
NEA-MW25-1D	_	07-Dec-92	NA.	NA	NA	ND	ND	ND	ND	ND	83.5	ND
	_	06-May-93	NA.	NA	NA NA	ND	ND	ND	ND	ND	77.8	ND
	-	13-Sep-93	NA.	NA	NA	ND	ND	ND	ND	ИD	80.8	ND
	8	16-Apr-01	ND	ND	0.00047 JB	ND	ND	ND	ND	ND	74.2	ND
NEA-MW25-21	-	07-Dec-92	NA	NA	NA NA	17	ND	ND	ND	17	ND	ND
		06-May-93	NA	NA	NA	2.0	ND	ND	ND	2.0	0.073 J	ND
	-	13-Sep-93	NA	NA	NA NA	0.7 J	0.6 J	ND	ND	1.3 J	ND	ND
	8	16-Apr-01	0.00048 J	ND	8 9 DB	ND	ND	ND	ND	ND	ND	ND
NEA-MW25-3S	_	07-Dec-92	NA	NA	NA	ND	ND	ND	ND	ND	0 634	ND
		06-May-93	NA.	NA	NA	0.7	ND	ND	ND	0.7	3.87	ND
	-	13-Sep-93	NA NA	NA	NA	ND	ND	ND	ND	ND	0.409	ND
	Baseline	23-May-97	0.001U	0.001U	12.3	ND	ND	ND	ND	ND	ND	ND
	6	25- <b>A</b> pr-00	ND	ND	0.006	ND	ND	ND	ND	ND	2.7	ND
OW-6	Baseline	27-May-97	0.001U	0.001U	0.291	ND	ND	ND	ND	ND	23	ND
ļ	6	19-Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	30.8	ND
	11	09-Oct-02	ND	ND	0 069	ND	ND	ND	ND	ND	24	ND

A - Well NEA-MW20-2S was sampled for ethane,

µg/L - Micorgrams per Liter (ppb) mg/L - Milligrams per Liter (ppm) NA - Not Analyzed

ND - Not Detected

ethene and methane on 4/25/00

B. Well monument was incorrectly tagged in the field (MW28-41). Actual well (MW28-5S) was sampled in December 2000 for Round 7.

<sup>\* -</sup> Quantitation suspect due to hydrocarbon interference \*\* - Reporting limit was raised due to matrix interference

D - Result obtained from the analysis of a dilution

J - Estimated Result. Result between reporting

firmt and detection limit B - Method blank contamination

U - Undetected at the detection limit

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# Table 5-3 Summary of OU2 Round 15 and Historical Soil Gas Analytical Results Wright-Patterson AFB, Ohio Page 1 of 4

					raye i						
						Total	Total	Total Volatile			Carbon
Sample	Date	Sample	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Hydrocarbons	Methane	Oxygen	Dioxide
Location	Sampled	Round	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppm)	(%)	(%)	(%)
		ł									_
OU2-\$V01	07-May-97	Baseline	ND	ND	ND	ND	ND	172	ND	25.1	ND
l I	27-Oct-97	1	ND	ND	ND	ND	ND	ND	ND	16.5	1.03
	22-Apr-98	2	ND	ND	ND	ND	ND	36.6	ND	15.3	0.56
İ	20-Oct-98	3 <sup>(1)</sup>	ND	ND	ND	ND	ND	ND	ND	23	0.8
	08-Apr-99	4	ND	ND	ND	ND	ND	ND	ND	16.95	0.5
	06-Oct-99	5	ND	ND	2.0	ND	2.0	79.8	ND	18.1	1.2
l i	20-Apr-00	6	ND	ND	ND	ND	ND	145	ND	15	0.65
1	03-Nov-00	7	ND	ND	ND	ND	ND	ND	ND	18.1	1.3
ŀ	Duplicate	7	ND	ND	ND	ND	ND	ND	ND	18	1.3
[	01-May-01	8 <sup>(4)</sup>	0.022 J	0.085	0.083 J	0.21	0.40 J	32 B	0.00014 J	20	1.1
1	22-Oct-01	9	ND	0.083	0.086 J	0.43	0.60 J	36 <b>B</b>	0.0077 B	18	2.8
	18-Apr-02	10	ND	1.90	0.90	3.03	5.83	280	0.0021 B	22	0.044
]	30-Sep-02	11	1.9 D	5.3 D	4.1 D	14.2 D	25.5 D	1,450 D	0.019	22	1.1
1	22-Apr-03	12			collected - water		-	-	-	-	-
l	23-Sep-03	13			collected - water		-	-	_		
	06-Apr-04	14			collected - water		0.046 1	-	~ ~		4.2
	25-Oct-04	15	ND	0.34	0.18	0.296 J	0.816 J	46	0.00068	20	1.3
OU2-SV02	07-May-97	Baseline	ND	ND	ND	ND	ND	ND	2.1	24.1	ND
	27-Oct-97	1	ND	ND	ND	ND	ND	ND	ND	16.4	1.36
	22-Apr-98	2	ND	ND	ND	ND	ND	ND	ND	12.9	1.38
ì	20-Oct-98	3(1)	ND	ND	ND	ND	ND	ND	ND	2.6	1.8
	08-Apr-99	4	1.35	ND	ND	ND	1.35	ND	ND	3 37	1 52
	06-Oct-99	5	1.6	ND	4.0	ND	5.58	59	ND	18	0.59
	20-Apr-00	6	4.39	ND	9.02	6.87	20.3	487	ND	13	0.97
	03-Nov-00	7	ND	ND	ND	ND	ND	ND	ND	18.3	1.7
	02-May-01	8(4)	0.034 J	0.2	0.32	0.89	1,444 J	99	0.00019 J	17	3.1
	22-Oct-01	9			ccess due to he		ase security	:	-		-
	18-Apr-02	10			collected - water		-	-			
	30-Sep-02	11	0.14	0.44	0.42	1.48	2.48	159	0.00046	19	1.9
	22-Apr-03	12	• •		collected - water			-	l <del></del>		
i	23-Sep-03	13			collected - water		~	-	-	-	
1	07-Apr-04 25-Oct-04	14 15		0.23	collected - water		1.28	- 81	0.011	- 19	3.1
	25-001-04	13	0.14	0.23	0.17	0.74	1.20	01	0.011	19	3.1
OU2-SV03	07-May-97	Baseline	ND	ND	ND	3.58	3.58	630	11.1	15.8	ND
	27-Oct-97	1	53.5	32.5	11.3	21 7	119	1,673	1.22	2.77	8.6
İ	22-Apr-98	2	212	112	37.7	34	395.7	4,540	1.41	3.18	6.81
	20-Oct-98	3(1)	ND	ND	11	8.6	19.6	2,760	5.1	2.6	10
	08-Apr-99	4	9.57 <sup>(2)</sup>	2.79	4.43	ND	16.79	4,351	1.1	4.85	5.0
	06-Oct-99	5	ND	14.5	47.7	120	182.2	8,300	2.7	6.4	8.24
	20-Apr-00	6	ND	15.1	71.9	69	156	11,040 D	2.7	3.5	11
	Duplicate	6	ND	14.9	69.2	71	155	9,960 D	2.7	4.2	10
ļ	03-Nov-00	7	610	433	47	95.7	1,185.7	50,880	5.2	4 4	9.3
	Duplicate	7	575	361	19.6	36.9	992.5	49,380	5.2	4.7	9.2
	01-May-01	8(4)	7.5 D	24 D	14 D	37 JD	82.5 JD	9,300 D	0.45	2.6	14
	Duplicate	8 <sup>(4)</sup>	11 D	27 D	17 D	45.8 D	100.8 D	9,900 D	0.41	2.5	14
	22-Oct-01	9	ND	31 D	17 D	39.9 JD	87.9 JD	13,000 DB	7.7 B	1.7	10
	Duplicate	9	ND	30 D	18 D	42.7 JD	90.7 JD	13,200 DB	7.6 B	1.6	10
	18-Apr-02	10	ND	0.16	0.18	0.67	1.01	77	0.0024 B	22	0.12
	01-Oct-02	11	9.6 D	22 D	13 D	35.8 D	80.4 D	6,600 D	4.9	7.1	6.1
	22-Apr-03	12			collected - water			-	-	-	-
	23-Sep-03 06-Apr-04	13			collected - water			-	-		-
İ	06-Apr-04 25-Oct-04	14 15	Sample cou	not be o 7.1	collected - water 4.7	13.3	 34.2	2,200	29	2 1	9.5
	25-001-04	13	]	7.1	7.1	10.0	J <b>⊣</b> .∠	2,200	1 2	١ .	3.3
OU2-SV04	07-May-97	Baseline	ND	ND	ND	5.51	5.51	453	ND	22 6	ND
	27-Oct-97	1	230	160	60.6	67.7	518.3	6,851	ND	10 2	3.47
	22-Apr-98	2	NS	NS	NS	NS	NS	NS	NS	NS	NS
[	20-Oct-98	3 <sup>(1)</sup>	ND	ND	8.6	4.9	13.5	1,600	0 055	16	4.3
	08-Apr-99	4	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06-Oct-99	5	ND	40.6	ND	44 6	85.2	2,780	ND	12 6	4.1
			I NC	NS	NS	NS	NS	NS	NS	NS	NS
	20-Apr-00	6	NS								
	03- <b>No</b> v-00	7	49.6	78.7	4.4	13.7	146.4	2,990	0.5	10 2	5.3
			49.6 ND	78.7 0.12		13.7 0.093					5.3 0 <b>43</b>

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# Table 5-3 Summary of OU2 Round 15 and Historical Soil Gas Analytical Results Wright-Patterson AFB, Ohio Page 2 of 4

Sample	Date	Sample	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Total Volatile Hydrocarbons	Methane	Oxygen	Carbon Dioxide
Location	Sampled	Round	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppm)	(%)	(%)	(%)
			[								
OU2-SV05	07-May-97	Baseline	ND	ND	ND	8.49	8.49	4,420	5.08	10.7	12.6
	27-Oct-97	1	890	146	49.7	29.3	1,115	17,244	19.7	3.02	4.66
	22-Apr-98	3 <sup>(1)</sup>	2,490	275	90.7	66.5	2,922.2	29,200	19.4	2.64	3.01
	20-Oct-98		ND	ND	6.0	ND	6.0	5,050	9.8	2.8	7.5
	Duplicate	3(1)	ND	ND	24	8.1	32.1	6,740	9.1	10	5.0
	08-Apr-99	4	154	8.17	19.3	ND	181.47	20,986	8.35	4.0	3.45
	06-Oct-99	5	ND	ND	249	105	354	34,900	5.1	7.55	4.65
	20-Apr-00	6 7	ND	23.7	119	113	255 7	24,600 D	14	3.6	42
	03-Nov-00	\ <i>'</i>	Poini destr	oyea aunn	g construction a	ctivities.	-	-	-	-	_
OU2-SV06	07-May-97	Baseline	ND	ND	ND	93.9	93.9	9,480	4.66	3.8	38.9
002 0.00	27-Oct-97	1	528	216	60.4	39.8	844.2	19,209	34.6	6.47	0 76
	22-Apr-98	2	1,250	528	157	175	2,110	33,200	26.4	2.42	0 75
	20-Oct-98	3(1)	ND	ND	27	ND	27	11,100	38	2.7	2.0
	08-Apr-99	4	374 <sup>(3)</sup>	59.5	39.6	14.9	488	35,119	7.7	2.9	0.57
	06-Oct-99	5	2,060	2,410	849	221	5,540	66,600	20	3.1	1.5
	20-Apr-00	6	ND	66.1	106	89.4	262	24,050 D	25 D	3.5	10
	03-Nov-00	7	1,630	708	26.4	48.1	2,412.5	NA	27.2 D	4.7	1.0
	01-May-01	8 <sup>(4)</sup>	91 D	94 D	40 D	92 D	317 D	44,000 D	33	1.8	1.1
	22-Oct-01	9	35 D	82 D	39 D	136 D	292 D	46,000 BD	27 B	1.3	13
	Duplicate	9	25 D	78 D	32 D	105 D	240 D	40,000 BD	27 B	1.3	1.3
	18-Apr-02	10		uld not be	collected - water			-	_	_	_
	30-Sep-02	11	69 D	68 D	25 D	61 JD	223 JD	34,000 D	36	4 1	2.0
	22-Apr-03	12	50 D	97 D	21 D	60.2 D	228.2 D	29,000 BD	32	1.6	1.5
	23-Sep-03	13	71 D	79 D	28 D	75 D	253 D	32,000 D	37	5.6	2.1
	06-Apr-04	14			collected - water		-		-		
	25-Oct-04	15	170 D	110 D	44 D	129.7 D	453.7 D	36,000 BD	48	1.4	20
1	Duplicate	15	160 D	110 D	41 D	121 D	432 D	31,000 D	47	1.7	2.0
OU2-SV07	07-May-97	Baseline	ND	ND	ND	ND	ND	119	2.06	22.2	ND
002-3407	27-Oct-97	1 1	44.3	70.9	28.2	15.8	159.2	3,426	12.3	2.33	4.61
	22-Apr-98	•2	112	13.7	66.9	49.8	242.4	5,090	5 02	2.66	3 47
l	20-Oct-98	3(1)	ND	ND	12	ND	12	2,830	8.9	27	6.0
	08-Apr-99	4	ND	17.2	11.6	28.5	57.3	4,395	5.31	3.45	4.28
	06-Oct-99	5	117	36.6	64.4	68.8	286 5	3,710	4.5	8.2	3.9
	Duplicate	5	l .		cause the sam				5.2	6.42	5 0
	20-Apr-00	6	98.2	<b>25.5</b>	52.9	33.2	210	2,786 D	33	4.6	58
}	Duplicate	6	91.3	24.8	56.9	39.3	212	3,920 D	35	3.4	6 2
	03-Nov-00	7	7.2	111	79	28.4	154.5	3,530	2.6	4.5	6.4
	02-May-01	8(4)	7.3 D	14 D	12 D	21 D	54.3 D	4,500 D	0.77	1.8	9.3
	22-Oct-01	9	Restricted a	area - no a	ccess due to he	ightened Ba	ase security		_		
	18-Apr-02	10	6.1 D	10 D	8.8 D	19.6 D	44.5 D	3,600 D	7.0 B	2.3	6.1
1	30-Sep-02	11	8.5 D	13 D	9.7 D	14.1 D	45.3 D	3,800 D	2.4	33	8.3
	22-Apr-03	12	2.1 D	4.1 D	2.5 D	4.29 D	12.99 D	1,170 BD	0.82	1.6	9.2
	23-Sep-03	13	4.7 D	8.6 D	4 2 D	11 8 D	29.3 D	1,920 D	6.9	1.6	10
	07-Apr-04	14	1.1	21	0.53	2.94	6 67	410 B	1.1	2.1	7.7
1	25-Oct-04	15	5.3	4 2	1.5	6.8	17.8	1,080	1.5	1.8	9.2
Ons Erve	00 4507	Dacolina	NO	MD	ND	N/C	ND.	22.2	NO	2F 4	ND
OU2-SV08	08-May-97 27-Oct-97	Baseline 1	ND 39.9	ND 50 7	ND 19.6	ND 14.1	ND 124.3	22.2 6,709	ND 18.8	25.1 7.6	1.04
	27-Oct-97 22-Apr-98	2	39.9 5.38	7 91	2.78	14.1 3 28	124.3 19.35	330	2.19	9.32	ND
l	20-Oct-98	3(1)						2,090			0.77
]	20-Oct-98 08-Apr-99	4	ND 34.3	ND 13.2	ND 14.8	ND 9.32	ND 71.62	10,662	4.6 6.2	21 8.65	1.34
	06-Apr-99 06-Oct-99	5	103	32.4	101	192	428 4	8,790	6	11 2	1.34
	Duplicate	5	91.5	30.8	91 4	70.8	284.5	7,950	7.8	9.7	19
	20-Apr-00	6	59.7	9.86	32.8	28.3	131	4,880 D	5.9	8.2	2
}	03-Nov-00	7	143	17	18.4	56.1	105.8	23,510	26	176	0.5
i	01-May-01	8(4)	18 D	24 D	12 D	26.2 D	80.2 D	7,800 D	4.7	12	17
ļ	22-Oct-01	9	41 D	64 D	34 D	128 D	267 D	26,000 BD	23 B	5.4	23
ļ	18-Apr-02	10	8.6 D	32 D	18 D	35 D	93.6 D	12,300 D	10 B	9.3	14
ļ	01-Oct-02	11	17 D	26 D	12 D	31.8 JD	86.8 D	8,900 D	11	17	12
ì	23-Apr-03	12	5 2 D	8.3 D	3.9 D	9.9 D	27.3 D	3,000 BD	4.1	18	0 63
		- 1									
	23-Sep-03	13	59D	8.9 D	4 2 D	8.7 D	27 7 D I	2,300 D	3.3	21	0 28
]	23-Sep-03 06-Apr-04	13 14			4 2 D collected - water		27 7 D	2,300 D	3.3	21 	

# Table 5-3 Summary of OU2 Round 15 and Historical Soil Gas Analytical Results Wright-Patterson AFB, Ohio Page 3 of 4

		Ι				Total	Total	Total Volatile	T		Carbon
Sample Location	Date Sampled	Sample Round	Benzene (ppb)	Toluene	Ethylbenzene (och)	Xylenes	BTEX	Hydrocarbons	Methane	Oxygen (%)	Dioxide (%)
Cocation	Sampled	Round	(1)	(ppb)	(ppb)	(ppb)	(ppb)	(ppm)	(%)	( 70 )	1 (%)
OU2-SV09	07-May-97	Baseline	ND	ND	ND	ND	ND	ND	ND	26.5	ND
1	27-Oct-97	1	ND	ND	ND	ND	ND	ND	ND	16.2	1.51
	22-Apr-98	2	ND	ND	ND	ND	ND	ND	ND	15.1	1.05
	20-Oct-98 08-Apr-99	3 <sup>(1)</sup>	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	21 17.35	2.0 0.74
}	06-Oct-99	5	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	17.35	1.7
	20-Apr-00	6	ND	ND	ND	ND	ND	ND	ND	15	1.0
	03-Nov-00	7	ND	ND	ND	4.1	4.1	ND	ND	18.3	1.4
	02-May-01	B <sup>(4)</sup>	0.058 J	0.4	0.53	1.45	2.438 J	154	ND	20	1.1
	22-Oct-01	9			ccess due to he						
	18-Apr-02 30-Sep-02	10	ND 0.021 J	ND	ND 0.070	ND 0.404	ND 0.000 I	14.5	0.00013 JB	19 21	1.2 2.1
	22-Apr-03	11 12	ND ND	0.075 0.067 J	0.079 J 0.14	0.134 J 0.39 J	0.309 J 0.597 J	24.4 44 B	0.00017 J ND	21	1.0
	23-Sep-03	13	0.037 J	2.7	0.82	2.61	6.167 J	230	0.0005	18	3.7
	07-Apr-04	14	0.028 J	0.16	0.20	0.668 J	1.056 J	63 B	ND	21	0.99
	25-Oct-04	15	0.034 J	0.069 J	0.053 J	0.221 J	0.337 J	39	0.0033	19	3.3
OU2-SV10	07 May 07	Panalina	,,,	404	0.0	405	500.0	40.500	م و	E 70	24.2
JU2-5V IU	07-May-97 27-Oct-97	Baseline 1	ND 1,192	424 356	9.2 111	135 167	568.2 1826	12,500 26,575	8.5 16.4	5.78 2.87	24.2 8.13
	22-Apr-98	2	1,340	644	236	234	2454	31,600	7.36	3.05	4.1
	20-Oct-98	3 <sup>(1)</sup>	ND	ND	50	20	70	9,600	6.9	3.3	14
	Duplicate	3 <sup>(1)</sup>	ND	ND	68	17	85	10,600	6.9	4.0	15
	08-Apr-99	4	396	ND	ND	ND	396	22,374	5 65	4.0	4.65
	06-Oct-99	5	196	23.2	116	161	496	12,000	3.3	2.9	11
	20-Apr-00 03-Nov-00	6 7	375 D 263	23.6 D 308	145 25	122 45.2	666 641.2	16,620 D 29,650	1.5 3.1	4.0 3.5	8.5 12.1
	03-Nov-00 02-May-01	8 <sup>(4)</sup>	19 D	42 D	35 D	45.2 81 D	177 D	29,650 14,400 D	3.3	1.7	8.9
	22-Oct-01	9			ccess due to he				3.3		-
	18-Apr-02	10	16 D	41 D	31 D	90 D	178 D	14,100 D	7.1 B	2.4	6.2
	Duplicate	10	16 D	38 D	27 D	83 D	164 D	13,400 D	7.3 B	2.3	6.1
	30-Sep-02	11	13 D	49 D	45 D	131 D	238 D	12,700 D	4.9	2.6	11
	Duplicate	11 12	14 D 12 D	62 D 18 D	54 D	142 D	272 D 88 8 D	14,800 D	5.1 6.7	2.0 1.8	11 4.5
	22-Apr-03 22-Sep-03	13	14 D	38 D	15 D 32 D	43.8 D 92 D	176 D	7,100 BD 11,300 D	6.3	1.4	8.3
	Duplicate	13	14 D	37 D	32 D	87 D	170 D	10,200 D	6.1	1.8	8.1
	07-Apr-04	14	Sample cou	ald not be o	collected - water	in line	_	-	-		-
	25-Oct-04	15	46 D	34 D	35 D	87.7 D	202.7 D	10,600 D	7.6	2.0	9.5
OU2-SV11	08-May-97	Baseline	ND	ND	ND	ND	ND	ND	ND	25 3	ND
002-3111	27-Oct-97	1	ND	ND	ND	ND	ND	ND	ND	4.55	4.81
	22-Apr-98	2	ND	ND	ND	ND	ND	ND	ND	5.29	4.17
	20-Oct-98	3(1)	ND	ND	ND	ND	ND	ND	ND	5.2	10
j	08-Apr-99	4	ND	ND	ND	ND	ND	ND	ND	3.89	4.44
	06-Oct-99 20-Apr-00	5 6	ND ND	ND ND	ND ND	ND ND	ND ND	77.8 ND	ND ND	3.7 6.1	7.3 6.6
j	03-Nov-00	7	ND	ND	ND	ND	ND .	ND	ND	7.8	7.4
	01-May-01	8 <sup>(4)</sup>	ND	ND	ND	ND	ND	8.5 JB	ND	7.1	7.0
	22-Oct-01	9	ND	ND	ND	ND	ND	11.9 BD	ND	7.1	8.4
	18-Apr-02	10	ND	0.15	0.15	0.38	0.68	67	0.0016 B	7.3	5.5
	01-Oct-02	11	0.088	2.6	0.82	2.8	6.308	242	0.0018	4.7	9.2
	23-Apr-03 23-Sep-03	12 13	ND 0.018 J	ND 0.21	0.024 J 0.27	0.062 J 0.82	0.086 J 1.318 J	10.2 JB 85	0.0017 ND	9.7 9.6	5.1 1.1
	06-Apr-04	14	ND ND	0.63	0.27	0.62	0.95	33 B	ND	12	3.2
	27-Oct-04	15	ND	ND	0.019 J	0.062 J	0.081 J	11.9 B	0.00012 J	8.9	6.3
	Duplicate	15	ND	ND	0.022 J	0.075 J	0.097 J	9.0 JB	ND	6.8	7.2
0113 0145	00 44 07	Danctier	NO	NC	ND	NO	ND	ND		26.2	NO.
OU2-SV12	08-May-97 27-Oct-97	Baseline 1	ND ND	ND ND	ND ND	ND ND	ND 1	ND ND	ND ND	26.2 10.2	ND 6.45
	27-001-97 22-Apr-98	2	ND ND	ND	ND	ND	ND -	ND	ND	9.01	3.53
	20-Oct-98	3(1)	ND	ND	ND	ND	ND	ND	ND	14	7.1
	08-Apr-99	4	ND	ND	ND	ND	ND	ND	ND	9.3	3.64
	06-Oct-99	5	ND	ND	ND	ND	ND	ND	ND	13 4	5.6
	20-Apr-00	6	ND	ND	ND	ND	ND	98.4	ND	92	3.4
	03-Nov-00	7 8 <sup>(4)</sup>	ND	ND	ND	ND	ND .	ND	ND	10.1	6.7
	01-May-01 22-Oct-01	8'*' 9	ND ND	0.026 J	ND ND	ND	0.026 J 0.025 J	10.3 JB 13.8 B	ND ND	14 9.0	4.5 8.7
ļ	18-Apr-02	10	ND ND	0.025 J 0.11	ND 0.087	ND 0.28	0.025 J 0.477	13.8 B 44	0.00012 JB	13.0	4.8
	01-Oct-02	11	ND	0.11	0.067	1.46	2.26	153	ND	14.0	7.1
	23-Apr-03	12	ND	ND	ND	ND	ND	9.4 JB	0.004	16	3.2
j	23-Sep-03	13			collected - water		]	_	] -		-
	07-Apr-04	14			ollected - water						-
	25-Oct-04	15	Laboratory	received s	ample bag emp	y - sample	could not b	e analyzed	L		

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#### Table 5-3 Summary of OU2 Round 15 and Historical Soil Gas Analytical Results Wright-Patterson AFB, Ohio Page 4 of 4

		Ι —				Total	Total	Total Volatile			Carbon
Sample	Date	Sample	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Hydrocarbons	Methane	Oxygen	Dioxide
Location	Sampled	Round	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppm)	(%)	(%)	(%)
OU2-SV13	07-May-97	Baseline	ND	ND	ND	ND	ND	1,090	ND	24.7	ND
	27-Oct-97	1	ND	ND	ND	ND	ND	ND	ND	15.7	1.8
	22-Apr-98	2	ND	ND	ND	ND	ND	ND	ND	16.2	0.6
	20-Oct-98	3 <sup>(1)</sup>	ND	ND	ND	ND	ND	ND	ND	21	2.6
	08-Apr-99	4	ND	ND	ND	ND	ND	ND	ND	147	0.79
	06-Oct-99	5	ND	ND	ND	ND	ND	ND	ND	16.5	2 4
	20-Apr-00	6	ND	ND	ND	ND	ND	162	ND	16	0.71
	03-Nov-00	7	ND	ND	ND	ND	ND	ND	ND	17.9	1.7
	01-May-01	8(4)	ND	ND	ND	ND	ND	8.8 JB	ND	21	0.9
	22-Oct-01	9	ND	0.026 J	ND	ND	0.026 J	11.3 B	ND	19	2.7
	18-Apr-02	10	ND	ND	0.11	0.28	0.39	44	0.00019 JB	21	1.2
	01-Oct-02	11	ND	0.59	0.72	2.47	3.78	223	0.0015	21	2.4
	23-Apr-03	12	0.019 J	0.035 J	ND	0.037 J	0.091 J	16.4 B	0.011	21	0.96
	23-Sep-03	13	ND	0 096	0.12	0.385 J	0.601 J	48	ND	17	2.7
	07-Apr-04	14	ND	0.030 J	0.039 J	0.17 J	0.239 J	16,6 B	ND	21	1.3
	25-Oct-04	15	ND	0.052 J	0.037 J	0.11	0.199 J	15.2	0 00015 J	20	2.5
OU2-SV14	07-May-97	Baseline	ND	ND	9.26	11.3	20.56	8,700	10.3	8 78	8.28
	27-Oct-97	1	1,975	414	101	110	2,600	38,558	14.4	3 42	7.13
	22-Apr-98	2	3,480	910	303	456	5,149	53,100	7.33	1.75	4.88
	20-Oct-98	3(1)	ND	ND	30	ND	30	18,500	5.8	4.7	12
	08-Apr-99	4	182	ND	ND	ND	182	50,812	4.2	0.53	4.44
	06-Oct-99	5	673	80.3	454	358	1,563	36,800	3.6	28	9.9
	20-Apr-00	6	234 D	35.3	214	130	613	15,850 D	1.8	4.8	7.9
	03-Nov-00	7	340	1680	120	205.4	2,345.4	30,600	2.5	68	7.6
	02-May-01	8 <sup>(4)</sup>	79 D	200 D	100 D	215 D	594 D	62,000 D	2.1	1.7	9.9
,	22-Oct-01	9			ccess due to he						-
	18-Apr-02	10	59 D	190 D	92 D	245 D	586 D	51,000 D	17B	3.3	8.4
	30-Sep-02	11	75 D	380 D	190 D	469 D	1,114 D	84,000 D	1.6	2.1	11
	22-Apr-03	12	24 D	130 D	62 D	182 D	398 D	33,000 BD	0.91	2.2	8.5
	Duplicate	12	26 D	130 D	65 D	185 D	406 D	34,000 BD	0.90	2.1	8.5
1	23-Sep-03	13	45 D	280 D	120 D	277 D	722 D	50,000 D	1.6	1.8	12
	07-Apr-04	14	11	75	49	114	249	15,900 B	0.17	13	3.6
	Duplicate	14	11	64	29	90	194	14,400 B	0.17	13	3.7
	25-Oct-04	15	160 D	340 D	160 D	452 D	1,112 D	54,000 D	0.96	2.1	11
OU2-SV15	07-May-97	Baseline	ND	ND	ND	ND	ND	ND	ND	25.6	ND
	27-Oct-97	1	ND	ND	ND	ND	ND	ND	ND	15.2	1.62
	22-Apr-98	2	ND	ND	ND	ND	ND	ND	ND	15.6	0.94
	20-Oct-98	3(1)	ND	ND	ND	ND	ND	ND	ND	21	1.8
ţ	08-Apr-99	4	ND	ND	ND	ND	ND	ND	ND	17.3	0.94
	06-Oct-99	5	ND	ND	ND	ND	ND	ND	ND	17	2.1
	20-Apr-00	6	ND	ND	ND	ND	ND	ND	ND	16	0 76
	03-Nov-00	7	ND	ND	ND	ND	ND	ND	ND	19.1	1.2
	02-May-01	8 <sup>(4)</sup>	0.15 JD	1.1 D	1.3 D	3.73 D	6.28 D	420 D	0.00017 J	21	0.97
)	22-Oct-01	9			ccess due to he	•	•		l . <del>.</del>		-
	18-Apr-02	10	ND	ND	ND	ND	ND	13.6	ND	21	0 95
	30-Sep-02	11	ND	ND	ND	ND	ND	11.2 J	ND	22	2.0
į	22-Apr-03	12	ND	0.14	0.19	0.68	1.01	75 B	0.00032	21	0 87
,	23-Sep-03	13	0.096	1.3	1.6	5.4	8.396	420	ND	19	1.8
	07-Apr-04	14	ND	0.089	0.13	0.61	0.829	47 B	ND	22	0.61
	25-Oct-04	15	0.024 J	0.06 <u>4</u> J	0.046 J	0.188 J	0.322 J	30	0 00099	19	2.5

 $<sup>^{(1)}</sup>$  - BTEX analysis was run outside of the 14 day holding time for EPA Method 8021

ppb - parts per billion (µg/L) ppm - parts per million (mg/m3)

<sup>(2) -</sup> Pore volume (PV) purged prior to sampling = 420 cc, provided the highest benzene concentration.

<sup>(3) -</sup> Pore volume (PV) purged prior to sampling = 3240 cc, provided the highest benzene concentration.

<sup>(4) -</sup> Analytical method was changed from EPA Method 8020M to EPA Method TO-3 for this and future rounds.

ND - Concentration is below detection limits

NS - Not sampled. Groundwater in vapor monitoring point.

NA - Result suspect based on previous and prior data

D - Diluted sample

J - Estimated result Result

less than reporting limit
B - Method blank contamination

Table 5-4
OU2 Benzene Concentrations Comparison
Wright-Patterson AFB, Ohio

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Well Number	Sample Date of Highest Concentration	Highest Benzene Concentration (μg/L)	October-04 Benzene Concentrations (μg/L)
04-016-M	12-Aug-91	440	ND
04-518-M	06-Sep-88	2,600	Well Abandoned July 8, 2003. In April 2003, benzene = 4.5 JD
NEA-MW20-2S	20-Apr-00	76	24 D
NEA-MW21-3S	24-Apr-00	300	1.3 JD
NEA-MW26-3S	11-Oct-92	ND	ND .
NEA-MW28-5S	21-Apr-93	500	ND
OW-1	28-Apr-98	460	0.98 JD
OW-2	11-Oct-99	2.4	ND
OW-3	13-Apr-99	10	ND
OW-4	22-Oct-97	4.0	ND
P18-1	12-Aug-91	570	ND
P18-2	12-Aug-91	1,900	ND

ND - Not Detected

D - Result obtained from the analysis of a dilution.

J - Estimated Result. Result less than reporting limit.

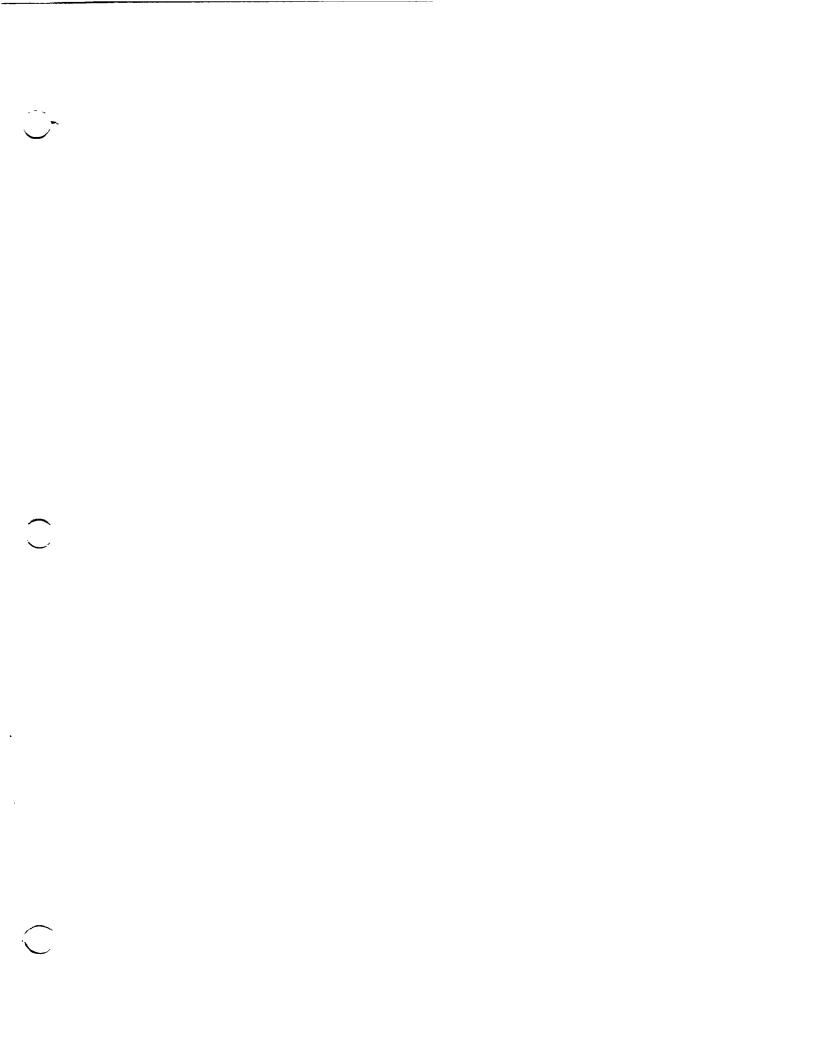
μg/L - micrograms per liter

# OU2 Baseline and September 2004 Groundwater Elevations Wright-Patterson AFB, Ohio Table 5-5

	(e) PIO	New (b)	May-97 <sup>(c)</sup>	May-97	28-Sep-04	28-Sep-04
	Monitoring	Monitoring	Depth to	Groundwater	Depth to	Groundwater
Well Name	Point Elev.	Point Elev.	Water	Elevation	Water	Elevation
	(ft, MSL)	(ft, MSL)	(ft, TOC)	(ft, MSL)	(ft, TOC)	(ft, MSL)
04-016-M	820.90	818.33	10.82	810.08	8.58	809.75
04-517-M	821.96	S	8.00	813.96	8.23	813.73
04-518-M	820.65	S	11.08	809.57	Abandoned	1
04-606-M	820.18	S	ΣZ	∑Z	10.64	809.54
NEA-MW20-2S	821.49	S	9.75	811.74	9.55	811.94
NEA-MW21-3S	820.85	S	12.15	808.70	10.98	809.87
NEA-MW22-3S	819.48	817.87	9.00	810.48	7.53	810.34
NEA-MW23-2S	818.06	816.50	8.91	809.15	7.71	808.79
NEA-MW24-2S	818.68	S	10.08	808.60	9.81	808.87
NEA-MW25-3S	817.08	815.20	12.50	804.58	10.71	804.49
NEA-MW26-3S	819.23	S	12.75	806.48	12.56	806.67
NEA-MW28-5S	820.10	818.50	12.25	807.85	11.08	807.42
NEA-MW29-2S	817.92	816.23	12.62	805.30	10.88	805.35
NEA-PZ32	823.69	S	ΣZ	ΣZ	10.29	813.40
OW-1	817.20	S	8.70	808.50	8.53	808.67
OW-2	819.77	817.64	12.71	807.06	10.48	807.16
OW-3	820.95	819.04	14.50	806.45	12.44	806.60
OW-4	817.20	S	10.87	806.33	10.57	806.63
9-MO	816.40	S	10.91	805.49	10.66	805.74
MW11-1	821.33	S	ΣŽ	Ž	11.20	810.13
P16-1	818.92	816.50	00'2	811.92	5.03	811.47
P18-1	816.72	S	10.65	806.07	10.42	806.30
P18-2	820.04	817.91	13.58	806.46	11.62	806.29

(a) - Monitoring point elevations prior to October 1999
(b) - Monitoring point elevations after flush-mounting in October 1999
(c) - Reference: OU2 Baseline Sampling Results Report (IT, 1997)

NM - Not Measured NC - No change in TOC elevation. MSL - Mean Sea Level TOC - Top of Casing ft - Feet



## Table 6-1 Basewide LTM Groundwater Field Parameters: October 2004 Wright-Patterson AFB, Ohio Page 1 of 11

Mall Manush	Date	Static Water	Temp. (C°)	pH	Conductivity	Turbidity	ORP	DO
Well Number	Sampled	Level (ft, TOC)	(0)	(SU)	(mS/cm)	(NTU)	(mV)	(mg/L)
Basewide Semi-Annual VOCs	42.0-4.00	5.07	40.00	0.50	0.705	47.0	40.0	NA
B59-MW01 Screened Interval = 5-15 ft bgs	13-Oct-98 27-Apr-99	5.07 7.00	18.00 14.60	6 58 7.99	0.755 0.548	47.0 21.0	49.8 131.9	4.60
Reference Point Elevation = 807.89 ft MSL	11-Apr-01	3.36	13.00	7.35	1.760	12.0	213.6	13.23
	12-Oct-01	5.49	22.04	7.21	0.993	18.0	221.8	1.39
1	19-Apr-02	5.75	17.50	8.09	0.691	10	336.0	3.13
	26-Sep-02	5.11	22.31	7.24	0.756	1.2	108.0	1.91
	08-Apr-03	6.42	12.17	7.73	5.230	0.0	68.0	6.81
	07-Oct-03 13-Apr-04	5.40 4.93	23.49 9.80	7.43 8.93	0.440 0.598	0.0 20.5	28.0 174.0	1.75 7.36
1	15-Oct-04	3.35	18.74	7 51	0.509	3.9	85.0	2.75
		3.33			5.555			•
B59-MW02	08-Oct-98	11.50	16.40	7.11	1.020	125	-10.6	1.35
Screened Interval = 20.5-30.5 ft bgs Reference Point Elevation = 808.8 ft MSL	27-Apr-99	10.92	14.80	7.32 7.07	0.910	145 0.0	156.6 128.9	0.38 13.32
Reference Point Elevation = 808.8 it MSL	11-Apr-01 17-Oct-01	10.66 11.57	14.90 16.41	7.07	0.600 0.838	1.1	-50.3	0.86
	17-Oct-01	11.63	19.50	8.06	0.830	7.1	-25.0	0.43
	27-Sep-02	9.48	18.52	7.28	0.913	4.0	-70.0	0.69
J J	07-Apr-03	12.00	13.67	7.43	1.060	4.1	56.0	0.00
	07-Oct-03	9.77	18.12	7.10	0.474	1.0	-136.0	0.04
	13-Apr-04	9.81	11.34	7.40	1.160	3.4	23.0	0.58
	12-Oct-04	10.15	17.98	7.18	0.940	2.1	-136.0	0.24
B59-MW03	08-Oct-98	11.55	18.10	7.20	0.643	23 0	NA	1.32
Screened interval ≈ 10-20 ft bgs	27-Apr-99	9.60	14.30	7.17	0.685	off scale	163.3	0.31
Reference Point Elevation = 807.57 ft MSL	11-Apr-01	8.74	15.90	7.25	0.642	37 0	44.0	0.32
	17-Oct-01	9.83	16.90	7.17	0.687	24.0	-31.5	1.25
	26-Apr-02	11.20	13.40	7.70	0.522	2.5	-30.0	0.29
	17-Oct-02 15-Apr-03	9.95 8.34	17.73 15.82	7.09 7.27	0.645 0.985	3.4 10.2	-84.0 -31.0	0.72 0.27
	08-Oct-03	7.99	18.77	7.13	1.040	23.9	-96.0	3.25
	20-Apr-04	7.75	14.05	7.29	0.949	19.4	-39.0	3.74
	12-Oct-04	7.90	17.05	7.07	0.930	11 5	-107.0	0.66
							=0.0	
B59-MW04 Screened Interval = 7-17 ft bgs	08-Oct-98 27-Apr-99	6.16 7.00	20.60 14.40	7.32 7.79	0.735 0.685	58.0 off scale	56.9 194.3	5.76 1.97
Reference Point Elevation = 807.53 ft MSL	11-Apr-01	Not sampled, wellhe			0.005	on scare		
	17-Oct-01	7.96	20.47	7.14	1.146	36 0	-23.6	5.97
]	19-Apr-02	7.32	18.80	10.63	0.438	13.1	31.0	0.56
	26-Sep-02	6.56	22.83	7.48	0.477	6.2	8.0	0.34
	08-Apr-03	8.34	12.49	8.61	2.860	0.4	360	0.00
	07-Oct-03 13-Apr-04	6.50 5.63	21.90 11.56	7.11 11.27	3.600 1.560	1.4 0.3	-39.0 -4.0	0.36 3.94
	15-Oct-04	6.67	19.21	8.67	1.510	5.9	45.0	0.66
BS5 P-1	04-Nov-98	30.40	13.00	6.66	0.736	208	169.9	6.62
Screened Interval = 28-38 ft bgs Ground Surface Elevation = 801.74ft MSL	19-Apr-99	30.18	13.80	8.45	0.930	42.6	-114.2	6 99
Ground Surface Elevation = 801.74ft MSL	08-Oct-99 26-Apr-00	DRY BTP	14.40	7.36	0.627	19.0	97.3	9.76
	20-Oct-00	DRY			J.027		-	
	19-Apr-01	31.95	13.30	7.06	0.569	0.0	ERR	9 19
	11-Oct-01	31.66	14.60	6.88	1.041	7.4	212.8	9.47
	25-Apr-02	29.59	13.20	7.22	1.110	5.3	130.0	8.43
	01-Oct-02 11-Apr-03	30.75	15.39	7.09	1.030	12.1 0 0	208.0	7.66 7.66
	07-Oct-03	32.15 29.96	12.70 13.08	7.08 7.03	0.970 0.525	0.0	171.0 155.0	7.07
	27-Apr-04	29.70	11.63	6.98	0.990	18.6	201.0	6.46
	19-Oct-04	30.88	13.27	7.09	0.940	4.2	105.0	6.62
_								
BS5 P-2	04-Nov-98	31.02	12.30	6.53	0 634	off scale	364.9	6.87
Screened Interval = 30-40 ft bgs Ground Surface Elevation = 802.36 ft MSL	19-Apr-99 08-Oct-99	30.70 BTP	13.90 14.70	7.29 7.16	0.468 0.936	326 38.0	228.2 4.1	8.28 6.63
Ground Surface Elevation - 802.30 ft MSL	26-Apr-00	BTP	11.90	7.10	0.683	17.0	93.0	6.84
ľ	20-Oct-00	ВТР	12.70	6.72	0.431	9 0	221.2	7.20
	19-Apr-01	33.08	13.50	7.33	0 576	0.0	156 7	7.99
	10-Oct-01	32.22	15.97	7.23	1 457	18 1	243 2	26.89
	25-Apr-02	30.13	12.70	6.99	0.556	4.8	164 0	8.00
	01-Oct-02	31.29	15.26	6 65	0 565	1.2	246 0 176 0	7.96 7.70
<b> </b>	11-Apr-03 07-Oct-03	32.72 30.50	12.90 12.89	6.94 6.92	0 588 0.417	4 4 1 3	175.0 163.0	7 70 7.62
	27-Apr-04	30.25	12.58	7 04	0.635	15.0	178.0	7.53
	19-Oct-04	31.43	13.34	7.02	0.863	0.0	102.0	7.19

## Table 6-1 Basewide LTM Groundwater Field Parameters: October 2004 Wright-Patterson AFB, Ohio Page 2 of 11

	Date	Static Water	Temp.	рH	Conductivity	Turbidity	ORP	DO
Well Number	Sampled	Level (ft, TOC)	(C*)	(SU)	(mS/cm)	(NTU)	(mV)	(mg/L)
BS5 P-3	04-Nov-98	35.56	14.60	6.60	0 742	473	163.0	5.20
Screened Interval = 33-43 ft bgs	19-Apr-99	35.26	15.80	8.61	0.910	51.0	-125.9	5.37
Ground Surface Elevation = 806.86 ft MSL		DRY		-	-		_	-
	26-Apr-00	ВТР	12.40	7.27	0.980	0.0	127.0	7.21
i e	20-Oct-00	ВТР	14.20	6.99	0.516	64.0	200.9	7.42
	19-Apr-01	37.08	13.00	7.43	1.700	2.0	30.4	5.96
1	11-Oct-01	36.78	16.46	6.80	1.104	4.2	228.7	7.32
	25-Apr-02	34.68	13.90	7.07	1 040	0.3	133 0	5.99
+	01-Oct-02	35.83	17.43	7.12	1.060	10.6	189.0	5.49
	11-Apr-03	37.25	13.30	7.20	1.520	0.0	108.0	6.12
	07-Oct-03	35.10	16.71	7.11	1.070	0.0	145.0	6.25
	27-Apr-04	34.61	13.50	7.10	1.810	9.8	168.0	6.70
	19-Oct-04	36.10	14.02	7.28	1.150	8.4	141.0	5.79
BS5 P-4	04-Nov-98	35.76	13.40	6.63	0.735	146	152.7	5.83
Screened Interval = 45-50 ft bgs	19-Apr-99	35.40	13.80	7.26	0.600	44.0	NA	6 52
Ground Surface Elevation = 807.03 ft MSL		42.72	14.10	6.59	1.080	19.0	149.4	6 47
Ground Garlaco Elovation - 007:00 it MicE	26-Apr-00	40.56	11.90	7.28	1 250	0.0	-14 6	7.30
i	20-Oct-00	40.21	16.00	6.84	0.552	6.0	158.4	7.42
	20-Apr-01	37.15	11.30	7.44	1.690	0.0	158.1	7.04
	10-Oct-01	36.96	16 54	6.84	2.354	18.9	188.0	28 56
1	25-Apr-02	34.84	14 00	7.01	0 970	2 2	68.0	5.73
	01-Oct-02	36.00	16.46	7.11	1.010	3.2	143.0	5 15
	11-Apr-03	37.38	14.30	7.11	1.530	0.0	140.0	6.60
	07-Oct-03	35.22	15.44	6.97	1.000	0.3	170.0	6.72
	27-Apr-04	34.69	14.09	7.15	1.030	0.0	61.0	5.95
	19-Oct-04	35.77	14.86	7.26	1.310	3.9	153.0	7.10
B79 C/D-MW01	26-Sep-02	6.45	15.89	6.85	1.120	5.4	-89.0	0.07
Screened Interval = 16-20 ft bgs	16-Apr-03	3.58	16.36	6.70	1.400	390	-89.0 -87.0	1.40
Ground Surface Elevation = 867.6 ft MSL	06-Oct-03	4.42	16.44	6.81	1.190	239	-790	0.49
Ground Surface Elevation - 607:01(190E	28-Apr-04	3.78	14 82	6.94	1 010	643	-52 0	0 00
	08-Oct-04	6 80	15.87	7.10	1 180	209	-1190	0.16
B79 C/D-MW02	26-Sep-02	3 56	14.49	6.93	1 180	2.8	20	0.04
Screened Interval = 18.5-28.5 ft bgs	15-Apr-03	2 70	15.80	6.89	1 190	455	-4.0	0.00
Ground Surface Elevation = 871.9 ft MSL	06-Oct-03	1 40	19.67	6.85	1.200	24.8	-420	0.59
	19-Apr-04 12-Oct-04	0.78 4.14	13.51 14.36	6.79 6.82	1 010 1 210	24.0 170.0	-28 0 -34.0	0.56 0.00
	12-001-04	7.17	14.50	0.02	1 210	170.0	-34.0	0.00
B79 C/D-MW03	25-Sep-02	5.83	16.09	7.06	1.230	0.5	17.0	4.05
Screened Interval = 21-26 ft bgs	16-Apr-03	3.57	14.17	6.62	1.420	24.6	74.0	1 07
Ground Surface Elevation = 875.5 ft MSL	06-Oct-03	4.01	15.11	6.77	1 260	18.6	-34 0	0 45
	20-Apr-04	3.75	13.14	7 05	0 962	437	44 0	3 02
	08-Oct-04	6 59	16.07	7 09	1.270	9.4	-61.0	0 28
B79 C/D-MW04	25-Sep-02	7.26	17.29	7.17	1,270	2.6	50.0	7.18
Screened Interval = 10-20 ft bgs	16-Apr-03	6 90	14.70	6.83	1.520	17.7	17.0	0.00
Ground Surface Elevation = 879 ft MSL	07-Oct-03	5 86	14.99	6.72	1.430	1.41	11.0	0.52
Cross Casaco Elevation Cross Mice	19-Apr-04	NA NA	13.27	6.97	1 440	63.6	60.0	1.09
	08-Oct-04	NA	15.62	7.05	1.420	13.2	14.0	1.62
NEA-MW27-3I	27-Apr-98	18.45	13.80	7.10	0.760	19.0	-63.1	5.16
Screened Interval = 40.8-45.5 ft bgs	28-Oct-98	19.09	14.50	6.88	0.825	20.0	83.0	5.60
Ground Surface Elevation = 822.73 ft MSL	21-Apr-99	18.04	14.00	8.63	0.879	4.3	355.9	5.13
	13-Oct-99	20.81	14.30	6.56	0.783	0.0	-1.8	4.32
	19-Apr-00	18.57	14.00	7.02	0.857	14.0	-32.0	11 40
!	18-Oct-00	19 65	14.20	7.28	0.859	3.0	164.5	4.90
	16-Apr-01	19 17	12.70	6.87	0.676	1.0	234.3	12.04
	12-Oct-01	18.36	16.62	6.93	2.429	19.7	271.0	5.92
1	17-Apr-02	16.83	18.20 13.95	7.07	0.935	11.7	37.0	4 88 5 39
	16-Oct-02 15-Apr-03	18.12 16.59	14 90	7.13 7.04	0.861 0.949	9.6 0.0	0.0 15.0	3 62
	15-Apr-03 06-Oct-03	16.54	13.78	6.95	0.949	9.5	128 0	5 50
į l	19-Apr-04	15.72	15.79	7.05	0 838	12.1	85.0	5.27
	12-Oct-04	18.02	15.09	6.98	0 756	9.1	-12 0	3 94
]	12-061-04	10.02	10 00	0.50	0.130	3.1	-120	5 54

### Table 6-1 Basewide LTM Groundwater Field Parameters: October 2004 Wright-Patterson AFB, Ohio Page 3 of 11

<del></del>	Date	Static Water	Temp.	рH	Conductivity	Turbidity	ORP	DO
Well Number	Sampled	Level (ft, TOC)	(C°)	(SU)	(mS/cm)	_(NTU)	(mV)	(mg/L)
NEA-MW34-28	23-Oct-98	11.32	15.20	6.75	0.627	7.0	146.5	6.27
Screened Interval = 8.5-18.4 ft bgs	19-Apr-99	10.44	11.10	7.20	0.463	0.0	NA	5.78
Ground Surface Elevation = 814.34 ft MSL	07-Oct-99	12.71	15.20	6.78	0.628	5.0	172.5	5.04 7.34
	19-Apr-00 19-Oct-00	8.41 10.46	11.70 15.20	7.38 7.37	1.020 0.805	19.0 5.0	183 5 130.0	7.34 5.38
	17-Apr-01	9.65	10.80	6.95	0.496	0.0	151.9	16.33
	10-Oct-01	No access - area wa			-		-	-
	17-Apr-02	No access - area wa					-	_
1	03-Oct-02	9.11	19.54	7.21	0.776	10 6	146.0	6.32
ļ	16-Apr-03	No access - area wa						_
	02-Oct-03	8.44	15.10	7.05	0.661	14.6	75.0	6.13
ļ.	15-Apr-04 08-Oct-04	7.82 9.68	11.37 16.15	7.10 7.20	0.745 0.666	13 8 0.0	82.0 77.0	10.69 5.26
	00-001-04	9.00	10.15	7.20	0.000	0.0	77.0	3.20
FTA2:MW02C	23-Apr-98	13.61	13.70	7.11	0.824	0.0	-120.1	1.03
Screened Interval = 9.6-19.2 ft bgs	28-Oct-98	14.52	18.10	6.44	0.695	0.0	-179.6	0.57
Ground Surface Elevation = 804 20 ft MSL	22-Apr-99	12.70	13.20	8.12	0.906	0.9	-260.8	1.42
	07-Oct-99	14.77	16.60	6.98	0.839	8.0	-191.9	2.29
ľ	25-Apr-00 20-Oct-00	15.39 14.25	15.20 17.00	6.85 6.96	0.900 0.857	0.0 0.0	-52.0 -16.0	1.46 0.06
	18-Apr-01	13.46	11.90	6.87	1.130	0.0	-69.6	0.51
	11-Oct-01	14 05	20.24	6.80	0.931	0.0	-67 7	1.10
	23-Apr-02	13.80	10.40	7.09	0.912	0.9	19.0	8.22
	01-Oct-02	13.41	19.05	6.95	0.949	1.5	-94.0	2.23
	21-Apr-03	16.23	11.40	6.67	1.020	4.2	-107.0	2.99
	03-Oct-03	13.46	14.91	6.80	0.511	00	-129.0	0.00
	26-Apr-04	13.25 14.10	11.62 14.92	6.74 6.74	0.706 0.990	0.9 1.1	-104.0 -137.0	0.00 0.19
	21-Oct-04	14.10	14.92	0.74	0.990	1.1	-137.0	0.15
LF12:MW15A	21-Oct-98	8.21	15.50	6.52	0.697	0.0	14.1	0.00
Screened Interval = 3.72-15.4 ft bgs	21-Apr-99	7.23	13.10	7.01	0.803	3.0	211.8	0.54
Ground Surface Elevation = 798.33 ft MSL	07-Oct-99	8.23	15.20	6.65	0.782	0.0	165.9	0.00
	13-Oct-99 (dup)	8.16	15.00	7.09	0.594	0.0	181.3	0.00
	20-Apr-00	7.31	12.20	7.15	1.230	0.0	198.9	1.70
ĺ	18-Oct-00 16-Apr-01	7.60 7.01	14.40 10.80	7.22 6.84	0.862 0.685	0.0 0.0	179 9 254.1	0.14 6.52
	16-Oct-01	6.87	14.79	6.89	1.144	0.0	35.4	1.59
	17-Apr-02	6.57	12.00	6.78	0.947	0.0	136.0	0.00
	01-Oct-02	6.70	17.02	7.17	0.950	2.4	70.0	1.50
	16-Oct-02 (dup)	7.70	14.42	7.01	0.876	0.0	84.0	0.00
	14-Apr-03	Wellhead damaged -			-			-
i	03-Oct-03 19-Apr-04	Wellhead damaged - Well abandoned	unable to	sample	 			_
	13-741-04	11 on abandoned	_				_	_
07-520-M	21-Oct-98	9.61	15.10	6.56	1.080	0.0	-134.9	5.19
Screened Interval = 5.1-15.1 ft bgs	20-Apr-99	9.10	11.90	6.64	1.110	56.0	NA	0.62
Ground Surface Elevation = 798.27 ft MSL	07-Oct-99	9.91	14.70	6.33	1.040	8.0	-78.3	0.37
	20-Apr-00	8.80	11.60	6.74	1.130	19.0	-123.0	2.12
	18-Oct-00 23-Apr-01	9.40 9.00	14.80 11.60	6.81 6.57	1.120 1.130	0.0 0.0	-116 5 -66.8	0.20 0.18
1	10-Oct-01	9.00 10.71	14.98	6.50	1.365	0.0	-71.4	1.61
]	23-Apr-02	9.90	10.70	7.05	1.450	0.9	-64.0	0.00
]	25-Apr-02 <sup>A</sup>	9.46	10.60	6.90	1.330	0.3	-28.0	0.33
	01-Oct-02	8.60	16.29	6.76	1.200	4.7	-82.0	1.63
ļ	14-Apr-03	8.92	10.80	6.61	1.330	8.7	-83.0	0.00
	15-Oct-03	8.70	14.58	6.56	1.260	10.5	-111.0	3.42
	26-Apr-04 08-Oct-04	8.70 9.13	10.74 15 50	6.47 6.64	1.010 1.140	10.6 4.5	-77.0 -100.0	0.00 2.35
1	00-001-04	3.13	15 50	0 04	1.140	7.0	- 100.0	2.00
05-DM-123S	21-Oct-98	7.44	14 70	6.57	0.805	3.0	7.7	0.76
Screened Interval = 5-15 ft bgs	20-Apr-99	7.85	10.10	6.98	0.837	3.0	118.9*	0.50
Ground Surface Elevation = 795.35ft MSL	07-Oct-99	8.47	14.40	6.96	0.847	2.0	-3.1	0.15
	20-Apr-00	7.53	12 30	6.99	0.880	0.0	-83 9	ERR
<u> </u>	23-Oct-00	7.83	14 20	6.54	0.486	1.0	60.1	0.72 8.97
	16-Apr-01 10-Oct-01	7.18 7.56	10.10 15.56	6.82 7.01	0.692 0.932	0.0 0.0	105 0 177.1	8.97 0.34
	24-Apr-02	8.08	12 20	7.01	0.816	0.0	244.0	0.22
	01-Oct-02	7.30	15.24	6 90	0.900	0.3	55.0	7.22
	14-Apr-03	9.85	12 10	6.93	0.921	0 0	59.0	0.00
]	03-Oct-03	7.70	15.00	6.79	0.872	6.5	111 0	0.42
ĺ	19-Apr-04	7.70	16.34	7.04	0.785	14.2	53.0	1.07
j	21-Oct-04	8.28	15.33	6.87	0.980	0 4	119.0	0.69

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### Table 6-1 Basewide LTM Groundwater Field Parameters: October 2004 Wright-Patterson AFB, Ohlo Page 4 of 11

	Date	Static Water	Temp.	pН	Conductivity	Turbidity	ORP	DO
Well Number	Sampled	Level (ft, TOC)	(C°)	(SU)	(mS/cm)	(NTU)	(mV)	(mg/L)
05-DM-123I	21-Oct-98	8.39	14.00	6.61	0.793	8.0	-44.9	0.00
Screened Interval = 19.75-24.8 ft bgs	20-Apr-99	7.70	10.90	7.11	0.841	7.0	98.5*	0.54
Ground Surface Elevation = 798 64 ft MSL	07-Oct-99	8.30	13.70	7.16	0.841	1.0	-65.2	0.14
	20-Apr-00	7.38	12.50	7.04	0.859	2.0	-79.4	ERR
	23-Oct-00	7.70	13.70	6.73	0.471	0.0	-29.5	0.24
	10-Apr-01	7.11	13.00	6.97	0.699	0.0	18.9	13.35
	10-Oct-01	7.44	14.46	7.08	0.900	15.3	103.2	0.21
	24-Apr-02	7.92	12.40	7.23	0.788	0.0	68.0	0.00
	01-Oct-02	7.13	14.99	6.94	0.930	0.0	-64.0	0 20
	15-Apr-03	7.75	12.20	6.99	0.927	0.0	14.0	0 00
	06-Oct-03	7.59	14.63	6.49	0.840	8.1	-25.0	5.19
	19-Apr-04	7.61	13.62	7.00	0.822	12.5	-8.0	0.00
1	12-Oct-04	8.32	14.60	6.92	0 759	0.0	-74.0	0.00
05 094 4000	04.0.40	7.7.	44.40		0.000	4.0	400.0	0.40
05-DM-123D	21-Oct-98	7.75	14.10	6.60	0.800	1.0	-160.0	0.10
Screened Interval = 26.8-31.8 ft bgs	20-Apr-99	6.95	12.00	7.20	0.862	3.0	115.6*	0.59
Ground Surface Elevation = 795.46 ft MSL	07-Oct-99	7 50	14.90	7.25	0.857	8.0	-79.7	0 67
	20-Apr-00	6.56	13.00	7.12	0.866	5.0	-67.9	ERR
	23-Oct-00	6 93	13.60	6.83	0.473	0.0	-112.7	0.24
	10-Apr-01	6.28	13.10	6.97	0.696	0.0	147.5	13.47
	10-Oct-01	6.75	14.13	7.15	0.912	10.8	-45.5	0.34
	17-Apr-02	5.80	13 20	6.97	0.911	1.0	-3.0	0 00
	01-Oct-02	6.30	15.84	7.07	0.910	10.6	-83.0	1 43
	14-Apr-03	7.10	13.30	7.33	0.937	0.5	-42.0	0 49
	03-Oct-03	6.75	14.04	7.18	0.493	0.3	-116.0	0 00
	19-Apr-04	6.83	14.09	7.19	0 841	93	-17 0	1 35
	21-Oct-04	7.47	13.99	7.08	0.970	0 0	-135 0	0.00
BMP-OU4-1B-60	21-Oct-98	8.71	14.10	6.53	1.410	0.0	-22.6	0.00
Screened Interval = 50-60 ft bgs	16-Apr-99	7.98	12 80	8.14	1.230	0.0	-56.2	0.16
Ground Surface Elevation = 804.85ft MSL	05-Oct-99	9.08	14.20	6.89	1.440	0.0	-146.3	0.09
Ground Surface Elevation - 004:03it WSE	18-Apr-00	7.21	13.40	7.02	1.200	10.0	-69.9	ERR
1	16-Apr-00	8.12	15.40	6.99	1.470	0.0	90.6	0.04
	09-Apr-01	8.12	15.70	7.05	1.590	0.0	164.3	0.18
	15-Oct-01	9.06	14.79	6.89	1.982	10.7	24.2	0.10
i	16-Apr-02	6.23	14.79	7.04	1.540	5.2	-1.0	1 18
,	30-Sep-02	7.11	16.31	6.93	1.750	0.3	8.0	0 14
·	17-Apr-03	8.65	13.70	7.07	1 510	3.9	-20 0	0 00
	01-Oct-03	7.50	14.65	6.94	2 040	03	-23.0	0.00
	16-Apr-04	7.13	14.45	7.02	1.860	6.7	-48.0	0.19
	08-Oct-04	8 88	16.70	7.02	1.380	15.3	-43.0	0.13
	00-001-04	0.00	10.10	7.03	1.300	13.5	-45.0	0 20
BMP-0U4-1C-84	20-Oct-98	8.53	15.50	6.73	1.150	19.0	-127.9	1 18
Screened Interval = 74-84 ft bgs	16-Apr-99	7.85	11.20	7.06	1.180	0.0	159 1	0 94
Ground Surface Elevation = 804.93 ft MSL	05-Oct-99	8.90	15.30	7 17	1.140	23.0	-266.1	0 21
· •	18-Apr-00	7.11	12.70	6.77	1.100	5.0	-89.6	ERR
,	16-Oct-00	7.89	14.50	6.97	1.030	10.0	-156.9	0 11
	09-Apr-01	8.01	17.60	7.15	1.170	0.0	-85 9	0 66
·	15-Oct-01	8.37	14.90	7.00	1.268	23.0	-96.0	1 35
,	16-Apr-02	6 15	14.20	7.02	1 240	4.0	-103.0	1 09
,	30-Sep-02	7.02	21.85	7.06	1 580	18.9	-118.0	1.36
	17-Apr-03	7.48	13.50	7.09	1.270	14.9	-147.0	0 00
·	01-Oct-03	7.30	14.19	7.05	0.646	2.3	-156.0	0.00
	16-Apr-04	6.95	14.28	7.02	1.330	9.2	-136.0	0.31
,	08-Oct-04	8.62	17.08	7.17	1.240	3.8	-166.0	0.44
,								
OU4-MW-02A	23-Apr-98	11.65	12.30	7.20	0.920	0.0	-111.4	0 68
Screened Interval = 7-17 ft bgs	20-Oct-98	13.25	14.50	6.96	1.150	112	-63 3	11.19
Ground Surface Elevation = 808.90 ft MSL	19-Apr-99	12.10	12.00	6.91	1.150	1.0	75.0*	0 19
l	05-Oct-99	13.76	14.80	6.51	1.060	37.0	-79.1	0 04
	17-Apr-00	11.69	13.40	7.11	1.190	16.0	-197.0	2 69
ì	23-Oct-00	12.88	14.90	7.16	1 160	10	110.3	0 52
l	09-Apr-01	12.83	15.80	6.99	1 250	10.0	-68.7	1 36
	11-Oct-01	12.52	16.00	6.82	1.402	3.2	-516	2.33
	16-Apr-02	10 84	14.20	7.27	1.680	7.4	27 0	0.39
1	30-Sep-02	11 75	16 45	6 77	1.200	9.0	8.0	0 68
	17-Apr-03	12.18	12.30	6 99	1.670	23 9	-99.0	0 00
ı								0.00
	01-Oct-03	12 03	14.62	6.80	0.754	7.4	-130.0	
	26-Apr-04	11.79	11 81	6 78	1.420	17 6	-84 0	1.55

### Table 6-1 Basewide LTM Groundwater Field Parameters: October 2004 Wright-Patterson AFB, Ohio Page 5 of 11

Well Number	Date	Static Water	Temp. (C°)	pH	Conductivity	Turbidity	ORP (mV)	DO
OU4-MW-02B	Sampled 23 Apr 09	Level (ft, TOC)	13.50	(SU) 7.40	(m\$/cm) 1.040	(NTU) 0.0	99.9	(mg/L) 0.98
Screened Interval = 46.1-56.1 ft bgs	23-Apr-98 20-Oct-98	11.32 12.95	13.30	7.40	1.200	9.0	99.9 36.5	12.75
Ground Surface Elevation = 804.40 ft MSL	19-Apr-99	12.15	13.40	7.15	1.060	5.0	186.1*	0.51
CIOSIN CONTROL EIGVERON - 004.40 K MIGE	07-Oct-99	13.52	13.60	7.75	0.836	0.0	103 2	0.69
	17-Apr-00	11.42	13.70	7.41	1.000	3.0	-90.0	3.18
	23-Oct-00	12.58	14.30	7.22	1 290	0.0	134.9	0.19
	09-Apr-01	12.52	15.90	7.13	1.270	0.0	-63.4	0.42
	11-Oct-01	12.25	15.21	7.01	1.518	0.0	180.4	1.28
	16-Apr-02	10.56	15 30	7.70	1.090	0.1	267.0	9.01
	30-Sep-02	11.48	15.71	6.94	1.270	0.1	269.0	2.41
	17-Apr-03	11.91	13.85	7.02	1.520	2.7	153.0	3.74
	01-Oct-03 26-Apr-04	11.73	13.28	6.99 7.05	0.869 1.280	2.7 0.0	78.0	3.55 1.00
	26-Apr-04 08-Oct-04	11.53 13.15	13.00 13.96	7.03	1.180	0.0	142.0 19.0	0.70
OU4-MW-03B	21-Apr-98	12.26	13.40	7.53	1.080	0.0	12.3	1.97
Screened Interval = 57-62 ft bgs	20-Oct-98	14.10	12.90	6.97	1.480	5.0	84 8	0.47
Ground Surface Elevation = 806.20 ft MSL	21-Apr-99	12.87	13.10	8.56	1.100	0.5	-195.2	2.44
	13-Oct-99	14.55	15.20	6.51	1.250	0.0	130.6	0.00 1.57
	17-Apr-00 18-Oct-00	12.57 13.58	14.60 13.70	7.26 7.27	1.030 1.800	0.0 0.0	150.3 -62.7	0.16
	16-Apr-01	11.93	13 40	6.88	1.180	0.0	232.4	10 64
	12-Oct-01	13.29	14.37	6.93	1.986	1.0	232.0	0.83
	17-Apr-02	11.86	15.30	6.87	1.430	0.1	-8.0	0.00
	16-Oct-02	13.58	13.49	7.21	1.410	3.6	72.0	0.92
	15-Apr-03	12.96	16.60	7.14	1.340	00	57.0	1.68
	06-Oct-03	13.11	12.91	6.93	1.680	0.0	127.0	0.78
	20-Apr-04	12.77	13.32	6.99	1.430	5.0	161.0	8.93
	12-Oct-04	14.31	15.46	7 02	1.520	0.0	82 0	2.80
OU4-MW-03C	21-Apr-98	20.85	13.40	7.28	0.940	0.0	-17.9	1.73
Screened Interval = 73.53-83 5 ft bgs	20-Oct-98	13.92	13.20	6.99	1.300	16.0	120.7	2.17
Ground Surface Elevation = 806.50 ft MSL	19-Apr-99	13.06	13 70	8.45	1.110	0 0	-189.8	0.09
	04-Oct-99	14.39	12.90	7.07	1.330	2.0	6.9	0.26
	17-Apr-00	12.40	14.50	7.23	1.080	0.0	139.5	1.50
	19-Oct-00	13.42	14.10	7.17	1.630	0.0	104.1	0.33
	09-Apr-01	13.38	15.40	7.25	1.260	2.0 6.8	198.8	0.17 0.00
	09-Oct-01 16-Apr-02	BTP 11.54	13.78 14.40	6.76 6.63	1.035 1.370	0.4	-14.2 149.0	0.00
	30-Sep-02	12.43	20.44	7.12	1.390	0.0	92.0	0.77
	11-Apr-03	12.68	14.87	7.13	1.440	22.5	31.0	1.64
	01-Oct-03	12.76	12.95	7.24	0.897	5.9	147.0	7.02
	26-Apr-04	12.50	13.74	7.04	1.420	18.6	40.0	0.31
	19-Oct-04	13.68	13.01	7.15	1.520	8.2	51 0	0.73
OU4-MW-04A	23-Apr-98	12.38	11.50	6.96	0.980	0.0	161.3	1.23
Screened Interval = 9.5-19.5 ft bgs Ground Surface Elevation = 808.20 ft MSL	20-Oct-98	14.32	13.00	6.30	1.390	1.0 0.0	-70 3 -186.9	1.53 0.27
Ground Surface Elevation = 806.20 it MSL	19-Apr-99 04-Oct-99	13.27 14.81	11.60 14.30	7.85 6.23	1.250 1.310	0.0	-36 1	0.00
	18-Apr-00	12.77	11.20	6.72	1.320	10.0	-26.5	ERR
ľ	23-Oct-00	14.00	15.50	6.76	1.270	0.0	65.1	0.77
1	11-Apr-01	8.74	11.70	6.71	1.270	50	-32.1	0.13
	09-Oct-01	13.62	15.79	6.28	0.963	11.6	-20.8	0.00
OU4-MW-04B	16-Apr-02	11.61	17.90	7.56	1.300	43.3	145.0	0.56
Screened Interval = 30.5-40.5 ft bgs	01-Oct-02	12.79	18.74	6.92	1.370	25.1	53.0	1.09
Ground Surface Elevation = 808.20 ft MSL	10-Apr-03	14.78	12 20	6.94	1.590	201	46.0	0.00
1	01-Oct-03 26-Apr-04	12.90 12.62	12.46 13.24	6.95 7.03	0.818 1.470	19.9 120	26.0 -1.0	1.74 1.16
	19-Oct-04	14.02	12.18	7.10	1.490	109 0	-7.0	1.05
OU4-MW-12B	23-Apr-98	11.55	13.40	7.42	1.680	0.0	49.3	1.68
Screened Interval = 39.94-49.9 ft bgs	20-Oct-98	13.21	14 40	6.62	1.030	0 0	78.9	1.32
Ground Surface Elevation = 805 0 ft MSL	19-Apr-99	12.30	12.20	7.12	0.995	5.0	193.2*	2.90
	06-Oct-99	13.67	15 10	6.55	0.921	1.0	119.1	0.07
1	17-Apr-00	11.67	14 50	7 07	0.960	3.0	103.3	0.74
	23-Oct-00	12.78	14 00	7.28	1.130	0.0	80 0 104 7	0.54
1	09-Apr-01	12.67	14.60	7 27 6 96	1.090	3.0	194 7	0.25
İ	11-Oct-01	14.06 11.77	15.43	6.96	1.511	00	42 2 203.0	7.11 0.00
	16-Apr-02 30-Sep-02	11.77 11.68	14.00 18.58	6.92 7.17	1.230 1.110	0 0 0 7	123.0	2.59
ì	30-Sep-02 17-Apr-03	14.50	13.10	6.85	1.220	9.2	168.0	0.00
	15-Oct-03	11.90	14.19	7.07	1.280	0.0	120.0	0.00
	26-Apr-04	11.72	12.52	6.95	1.170	4.7	169.0	1.05
ľ				7.16	0.980	0.0	68.0	1.26
	08-Oct-04	13.32	16.12	/, In	U.9KU	0.0	00.0	20

## Table 6-1 Basewide LTM Groundwater Field Parameters: October 2004 Wright-Patterson AFB, Ohio Page 6 of 11

	Date	Static Water	Temp.	рН	Conductivity	Turbidity	ORP	DO
Well Number	Sampled	Level (ft, TOC)	(C°)	(SU)	(mS/cm)	(NTU)	(mV)	(mg/L)
CW04-060	14-Apr-00	6.31	16.30	7.31	0.920	37.0	-43.3	0.09
Screened Interval = 49.7-59.7 ft bgs	02-Nov-00	20.87	14.90	7.49	1.050	0.0	-100.5	0.08
Ground Surface Elevation = 789.36 ft MSL	10-Apr-01	19.91	13.60	6.93	0.822	0.0	240.6	0.28
	16-Oct-01	NA NA	14.58	7.19	1.249	20.0	-118.9	1.36
1	25-Apr-02	18.40	11.70	7.00	1.120	0.0	-1160	1.66
	16-Oct-02	24.47	16.09	7.32	1.020	3.9	-124.0	0.60
· i	14-Apr-03	27 18	14.00	7.17	1 170	0.0	-118.0	0.26
	06-Oct-03	14.98	16.46	6.50	1.140	13.5 12.4	-127.0	5.34
	19-Apr-04 12-Oct-04	19.93 21.06	8.53 13.27	7.20 7.06	0.746 0.920	0.0	-126.0 -131.0	0.00 6.32
	12-001-04	21.00	13 27	7.00	0.320	0.0	-131.0	0.32
CW05-055	23-Oct-98	26.55	12.40	6.67	0.920	0.0	-62.9	0.94
Screened Interval = 45-55 ft bgs	19-Apr-99	26.42	12.40	8.40	1.040	0.2	-193.4	0.11
Ground Surface Elevation = 791.17 ft MSL	05-Oct-99	15.53	13.90	6.50	0.921	0.0	-71.1	0.00
ļ	17-Apr-00	10.12	12.10	7 17	0.960	0.0	-70.9	1.51
	31-Oct-00	22.48	13.60	7.02	0.960	12.0	-65.3	1.15
<b>\</b>	09-Apr-01	21.91	13.10	7.22	1.060	0.0	-40.6	0.20
	11-Oct-01	23.94	15.92	6.91	1.221	66.0	-66.7	9 26
1	24-Apr-02	19.91	12 50	7.22	1.070	0.0	-121.0	1.51
	14-Oct-02	26.02	13.09	7.07 7.10	1.050	5 7 39.2	-108.0	0.76
	14-Apr-03 07-Oct-03	28.92 17.31	13 10 12.66	6 90	1.160 0.937	12 1	-116.0 -113.0	0.00 0.40
	26-Apr-04	22.50	12.29	6.91	0.904	6.0	-109.0	0.00
	14-Oct-04	23.30	12.71	6.92	1.130	4.2	-134 0	0.00
								0.0.
CW05-085	21-Oct-98	27.13	12.20	7.00	1.040	0.0	-84.9	1.76
Screened Interval = 75-85 ft bgs	21-Apr-99	27.47	11.60	7.08	0.702	NA	-55.7	0.09
Ground Surface Elevation ≠ 790.78 ft MSL	04-Oct-99	15.87	12 30	6.52	1.100	0.0	-54.0	ERR
}	17-Apr-00	10.63	12 00	6.99	1 040	0.0	-98.2	ERR
	02-Nov-00	24.04	12.40	6.86	0.698	5.0	-410	0 22
	10-Apr-01	22.23	12.40	6.80	1.120	0.0	77.2	0.04
<u>]</u>	16-Oct-01 25-Apr-02	22.66 20.84	10.94 11.60	6.91 7.01	1.365 1.150	0.0 0.0	-57.1 -92.0	1.33 1.59
į į	16-Oct-02	25.65	12.38	7 17	1 130	3.5	-92.0 -105.0	0.90
1	14-Apr-03	29.56	12.40	7.18	1.190	7.2	-101.0	1.38
	06-Oct-03	17.61	12.97	6.48	1.150	1.7	-114.0	6.69
	19-Apr-04	21.98	13.19	6.87	1.060	10.4	-100.0	2.85
j	12-Oct-04	23.38	12.33	6.99	0.970	0 0	-129.0	9.72
CW07-055	09-Apr-01	16.72	13.80	7.16	0.933	00	-39.1	0.15
Screened Interval = 44.5-54.5 ft bgs	11-Oct-01	17.56	13.09	6.84	1.130	0.0	-94.2	6.67
Ground Surface Elevation = 789.60 ft MSL	24-Apr-02	15 58	13.20	6.84	1.050	0.0 5.1	-77.0	0.35
	14-Oct-02 14-Apr-03	19.40 22.72	12.48 12.80	7.04 7.11	1.020 1.110	1.8	-98.0 -104.0	1.92 1.10
	07-Oct-03	14.99	13.14	7.01	1.080	19.0	-97 0	0.84
	26-Apr-04	19.18	11.95	6.96	0.848	19.8	-85.0	0.00
	21-Oct-04	19.25	12 41	7 08	1.040	2 5	-136.0	1.95
CW10-055	09-Apr-01	22.56	13.30	7 43	0 686	25.0	273.7	14.91
Screened Interval = 45-55 ft bgs	11-Oct-01	23.56	12.50	6.75	0.931	2.9	-76.9	0.58
Ground Surface Elevation = 791.80 ft MSL	24-Apr-02	21 58	12.70	6.81	1 050	0.0	-76.0	0.00
	14-Oct-02	27 86	12.48	7.11	0.895	5.0	-89.0	0.67
1	14-Apr-03	33.59	12.60	6.98	1.060	0.0	-100.0	0.00
	13-Oct-03	19.54	12.79	6.78	1.110	10.0	-112.0	5.95
	21-Apr-04 14-Oct-04	23.70 24.26	11.70 12.35	7.10 6.80	1.070 1.150	79.8 7.5	-100.0 -121.0	5.76 0.00
l i	14-001-04	24.20	12 33	0.00	1.100	7.5	-121.0	0.00
HD-11	28-Oct-98	24.55	12.40	6.92	0.990	169	-94 3	0.55
Screened Interval = 71-81ft bgs	22-Apr-99	23.98	13.80	7 31	0.941	7.0	81.2	1.38
Ground Surface Elevation = 789.0 ft MSL	05-Oct-99	13.97	13 30	6 67	1.000	5.0	-68.3	0.20
	18-Apr-00	8.64	14.10	7 37	1.000	10.0	-358.0	1.26
	02-Nov-00	21.76	12.70	6.87	0.637	2.0	-123.3	0.19
) i	10-Apr-01	19.84	12 90	7.24	1.060	3.0	-87.6	0 22
	16-Oct-01	21.92	11 65	7 03	1.042	538	-43.5	4 88
	25-Apr-02	18.46	11.50	6.93	1.210	0 0	-112.0	0.00
	16-Oct-02	24.36	12.30	7.11	1.070	3.5	-125.0	0.23
	14-Apr-03	29 24	12.90	7.04	1.140	0.0	-125 0	0.00
<b>[</b>	08-Oct-03	16.00	13.49	7 05	0 630	9.2 11.7	-149 0	0.00
	21-Apr-04 14-Oct-04	20 44 21 40	12.66 12.11	7 00 6 79	1.100 1.180	11 7 3.8	-123 0 -145.0	0.12 0.00
]	14 000-04	2.40	14.11	0,0	00	5.0	1-5.0	5 50

## Table 6-1 Basewide LTM Groundwater Field Parameters: October 2004 Wright-Patterson AFB, Ohio Page 7 of 11

	Date	Static Water	Temp.	рH	Conductivity	Turbidity	ÒRP	DO
Well Number	Sampled	Level (ft, TOC)	(C°)	(SU)	(mS/cm)	(NTU)	(mV)	(mg/L)
HD-12S	05-Oct-99	13.47	12.60	6.86	1.050	1.0	-5.0	0.79
Screened Interval = 14-24 ft bgs	18-Apr-00	10.12	11.50	7.06	1.300	0.0	-1.0	1.78
Ground Surface Elevation = 790.0 ft MSL	01-Nov-00	BTP BTP	12.40	6.80 6.96	0.990 0.977	0.0 0.0	-37.2 -32.5	1.34 0.05
	10-Apr-01 18-Oct-01	BTP	13.20 12.27	6.86	1.173	0.0	-32.5 -7.2	0.50
1	24-Apr-02	16.92	11.40	6.97	0.950	6.1	126.0	2.59
	16-Oct-02	ВТР	12.74	7.04	0.924	0.0	62.0	3.74
	14-Apr-03	ВТР			le collected	_		_
	08-Oct-03	14.92 BTP	12.09 11.56	6.92 7.03	0.553 1.00	22.10 10.50	50.0 7.0	0.00 5.16
	21-Apr-04 14-Oct-04	ВТР	12.65	6.84	1.15	0.00	29.0	5.14
		J		0.01		0.00		*
HD-12 <b>M</b>	28-Oct-98	24.10	12.20	6.92	0.980	15.0	-89.8	0.17
Screened Interval = 44-54 ft bgs	22-Apr-99	23.33	12.30	7.09	0.649	NA	-66.5	0.11
Ground Surface Elevation = 790.0 ft MSL	05-Oct-99	14.28 9.03	11.80 11.20	7.13 7.14	1.000 0.950	5.0 0.0	-25.9 -19.4	0.54 1.65
[	18-Apr-00 01-Nov-00	9.03 22.38	11.80	6.88	0.960	0.0	-19.4 -72.8	0.22
	10-Apr-01	19.64	12.70	7.08	0.990	6.0	-77.7	0.09
	18-Oct-01	22.66	11.67	7.00	1.111	6.9	-71.1	0.59
	24-Apr-02	17.68	12.00	7.01	1.010	2.3	-126.0	1.46
	15-Oct-02	23.84	11.52	7.14	1 120	0.0	-118.0	0.00
	14-Apr-03	28.66	12 80	7.00	1.070	0.0	-109.0	0.00
	08-Oct-03 21-Apr-04	15.74 20.09	11.73 12.47	7.00 7.03	0.576 1.000	12.0 13.2	-163.0 -112.0	0.00 1.31
l ,	14-Oct-04	21.10	11 50	6.77	0.994	0.0	-126.0	1.73
	14 000 04	210	11 30	0.71	0.501		,20.0	1.10
HD-13S	26-Oct-98	22.45	13 30	7.12	0.980	44.0	-47.1	6.17
Screened Interval = 22.5-32.5 ft bgs	22-Apr-99	21.53	13.60	7.10	1.030	24.0	13.5	3.90
Ground Surface Elevation = 787.0 ft MSL	05-Oct-99	11.81	15.20	6.70	0.920	22.0	19.9	4.67
	17-Apr-00	5.71	17 00	7.26	0.940	81.0	-235.0	2.44
	01-Nov-00 11-Apr-01	18.36 16.10	12.30 13.40	7.40 6.96	0.940 1.000	0.0 5.0	-66.5 -68.2	5.39 5.44
	18-Oct-01	19.79	13.40	6.93	1.229	57.0	-21.7	1.28
•	24-Apr-02	15.61	11.90	6.74	0.980	3.2	-26.0	0.00
	15-Oct-02	22.08	12.53	7.17	1.190	0.5	-68.0	1.24
:	14-Apr-03	24.95	14.83	7.16	1.310	168	-25.0	19.99
[	08-Oct-03	13.51	13.21	6.77	1.170	23.2	-64.0	0 26
	21-Apr-04 14-Oct-04	18.10 19.07	13.15 11.57	7.12 6.81	1 040 1 160	18.2 2.8	-102.0 -111.0	3.29 0.75
	14-001-04	10.01	11.57	0.01	1 100	2.0	,,,,	0.70
MAD-MON-127 (HD-13D)	17-Apr-00	6.93	13.90	7.40	0.940	5.0	-274.0	1 26
Screened Interval = 96-106 ft bgs	01-Nov-00	19.21	12 20	7.43	0.950	0.0	-105.0	0.93
Ground Surface Elevation = 787.0 ft MSL	11-Apr-01	17.16 19.10	13.00 12.66	7.00 7.01	1.010 132.888	0.0 8.9	-107.6 -103.2	0.23 0.73
}	18-Oct-01 24-Apr-02	16.48	12.40	6.96	1.240	0.0	-113.0	0.73
	15-Oct-02	22.91	12.11	7.24	1.240	2.4	-130.0	0.38
	14-Apr-03	25.85	13.77	7.35	1.260	0.0	-114.0	0.76
	08-Oct-03	14.36	13.26	6.98	1.230	4.4	-172.0	0.35
	21-Apr-04	18.91	12.44	7.21	1.090	5.7	-137.0	0.04
ļ	14-Oct-04	19.91	11.59	6.91	1 210	0.0	-140.0	4.41
MW131M (HSA-4A)	26-Oct-98	20.15	12.30	7 06	0.980	24.0	-96.4	0.24
Screened Interval = 58.3-68.3 ft bgs	21-Apr-99	19.62	13.30	8.26	0.950	24.6	-500.1	0.79
Ground Surface Elevation = 786.5 ft MSL	04-Oct-99	9.65	18.80	7.08	0.980	42.0	9.3	0.20
]	17-Apr-00	3.98	11.80	7.27	1.320	70.0	-29.3	1.79
	02-Nov-00 10-Apr-01	16.20 15.41	12.30 12.60	7.20 6.93	0.990 1.030	0.0 9.0	-89.0 -83.8	0.22 0.62
	16-Oct-01	17.31	11.66	6.89	0.971	8.8	-80.3	2.53
	25-Apr-02	13.98	11.30	6.93	0.799	0.2	-113.0	0.00
	16-Oct-02	19.84	12.25	6.91	0.969	0.0	-135.0	0.00
1	14-Apr-03	22.85	12.07	7.11	1.170	22.8	-102.0	2.16
	08-Oct-03	11.33	12.55	6.84	0.674	0.0	-164.0	0.29
	21-Apr-04	15.86 16.89	11.99	6.93 6.82	0.990 1.090	11.9 16.7	-146.0 -178.0	1.70 0.17
	14-Oct-04	10.09	12.14	0.02	1.090	10.7	-170.0	0.17
MW131S (HSA-4B)	26-Oct-98	NR	13 00	7.01	0.920	25.0	-84.1	0.10
Screened Interval = 22.3-32.3 ft bgs	21-Apr-99	NR	13.40	8.30	0.920	29.0	-454.8	1.03
Ground Surface Elevation = 786 7 ft MSL	05-Oct-99	NR	12.00	6.83	1.070	16.0	96 3	0.27
	17-Apr-00	NR NB	12.10	6.94	0.979	101.0	-11.4	ERR
ļ	01-Nov- <b>0</b> 0 10-Apr- <b>0</b> 1	NR NR	13.60 12.30	7.19 6.87	0.940 0.970	0 0 0.0	-41.4 -23.0	0.39 9.87
	18-Oct-01	NR NR	12.30	6.68	117.387	5.1	-23.0 -39.6	9.87 0.74
	24-Apr-02	NR	12.00	6.95	0.698	1.3	-13.0	0.00
	15-Oct-02	NR	12.67	6.96	1.130	0.8	-103.0	0.35
	14-Apr-03	NR	13.20	7.06	1.190	24.1	-73.0	1.15
	08-Oct-03	NR	12.55	6.77	0.881	20.7	-81.0	0.70
	21-Apr-04	NR NB	11.99	6.97	0.990	16.5 70.6	-102.0	4.36
	14-Oct-04	NR	12.46	6.79	1.110	79.6	-112.0	0.32

#### Table 6-1 Basewide LTM Groundwater Field Parameters: October 2004 Wright-Patterson AFB, Ohio Page 8 of 11

### APPLIANCE   Secretary   28-0-ct-89		Date	Static Water	Temp.	рН	Conductivity	Turbidity	ORP	DO
Screened Interval = 38.5-48.6 ft bgs   Ground Surface Elevation = 788.8 ft MSL   Ground Surface Elevation = 788.8 ft MSL   Ground Surface Elevation = 788.8 ft MSL   Ground Surface Elevation = 788.8 ft MSL   Ground Surface Elevation = 788.8 ft MSL   Ground Surface Elevation = 788.8 ft MSL   Ground Surface Elevation = 815.3 ft MSL   Ground Surface Elevation = 815.3 ft MSL   Ground Surface Elevation = 815.3 ft MSL   Ground Surface Elevation = 815.3 ft MSL   Ground Surface Elevation = 815.4 ft MSL   Ground Surface Elevation = 812.	Well Number	Sampled	Level (ft, TOC)	(C°)	(SU)	(mS/cm)	(NTU)	(mV)	(mg/L)
Ground Surface Elevation = 788 8 ft MSL   13.05   13.05   13.05   7.72   0.996   1.0   23.4   0.18   13.05   1									
18-Apr-00   11-00   72-4   0-990   13-0   17-50   15-60   17-50   17-50   15-60   17-50   17-50   15-60   17-50   17-50   15-60   17-50   17-50   15-60   17-50   17									
CWB-77   CWB-77   CWB-77   CWB-77   CWB-77   CWB-77   CWB-78   C	Ground Surface Elevation = 788 8 ft MSL								
19-Apr-01	Ì	•							
16-Oct-01									
24 Apr-02	1								
16-Oct-02	!								
H-Apr-03   11-50   6-81   1.080   0.0   70.0   0.00   0.		•							
Secretaria   12-0ct-03									
CW3-77 Screened Interval = 68.8-76.8 ft bgs Ground Surface Elevation = 739.14 ft MSL 13-Oct-99 1									
21-Oct-98   31.31   16.70   6.76   0.543   18.0   93.8   ERR	i i	21-Apr-04	20.19	11.85	6.87	1.030	7.3	-11.0	1.58
Screened Interval = 68.8-76.8 ft bgs   Circumd Surface Elevation = 789.14 ft MSL   15-01-99   235.1   15.60   689   0807   90   20.6   10.0   25-Apr-00   23.54   13.40   7.27   0.966   6.0   143.0   1.77   15.00   16.40-10   16.40-10   12.00-10   16.40-10   12.00-10   16.40-10   12.00-10   16.40-10   12.00-10   16.40-10   12.00-10   16.40-10   12.00-10   16.40-10   12.00-10   17.4pr-02   26.55   15.00   7.26   0.727   4.3   96.0   17.2   27.2	j j	14-Oct-04	20.95	11.82	6.88	1.090	9.6	-54.0	1 49
33-Oct-99	CW3-77	21-Oct-98	31.31	16.70	6.76	0.543	18.0	93.8	ERR
25-Agr-00	Screened Interval = 66.8-76.8 ft bgs	21-Apr-99	32.65	12.40	7.39	0.641	5.0	255.9*	4 62
18-Oct-00	Ground Surface Elevation = 789.14 ft MSL			15.60	6.68	0.807	9.0	20.6	
16-Apr-01									
12-Oct-01									
17-Apr-02	į								
O2-May-02 <sup>th</sup>   262.2   13.30   6.92   0.663   1.5   167.0   5.11									
16-Oct-0/2   28.81   12.78   7.42   0.708   2.9   37.0   0.41	İ								
15-Apr-03   34.75   16.70   7.32   0.759   0.0   106.0   3.96									
06-Oct-03	į l								
CHP4-MW01 Screened Interval = 36-46 ft bgs Ground Surface Elevation = 835 38 ft MSL  16-Oct-88 Ground Surface Elevation = 835 38 ft MSL  16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-99 17-Oct-00 17-Oct-00 17-Oct-00 17-Oct-00 17-Oct-00 17-Oct-00 17-Oct-00 19-Apr-02 25-30 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-89 16-Oct-99 17-Oct-00 17-Oct-00 17-Oct-00 17-Oct-00 17-Oct-00 17-Oct-00 17-Oct-00 17-Oct-00 17-Oct-00 17-Oct-00 17-Oct-00 18-Oct-89 16-Oct-89 17-Oct-00 18-Oct-89 17-Oct-00 18-Oct-89 18-	[								
CHP4-MW01 Screened Interval = 36-46 ft bgs Ground Surface Elevation = 835 38 ft MSL  16-Oct-88  16-Oct-89  17-Oct-00  17-Oct-00  17-Oct-00  17-Oct-00  17-Oct-00  17-Oct-00  17-Oct-00  17-Oct-00  18-Apr-00  19-Apr-01  11-Oct-01  28-59  15-Oct-02  28-37  15-Oct-00  27-50  15-Oct-02  28-37  15-Oct-00  27-50  15-Oct-02  28-37  15-Oct-00  27-50  15-Oct-02  28-37  15-Oct-00  27-50  15-Oct-02  28-37  15-Oct-00  27-50  15-Oct-02  28-37  15-Oct-00  27-50  15-Oct-02  28-37  15-Oct-00  11-Apr-01  11-Oct-0									
Screened Interval = 36.46 h bgs   16-00-98   16-00-99   27 fs   16-90   8.37   1.780   15.0   71.0   3.80   3.25		•							
Screened Interval = 36.46 h bgs   16-00-98   16-00-99   27 fs   16-90   8.37   1.780   15.0   71.0   3.80   3.25	CHP4-MWM1	22-Anr-98	27.67	15 70	7.03	1.610	304.0	-44 4	4 74
Ground Surface Elevation = 835 38 ft MSL 06-Oct-99									
06-Oct-99   29-13   16-20   6.49   16-90   300.0   25-2   3.72									
18-Apr-00									
10-Agr-01 11-Oct-01 27.78 15.90 7.10 1610 2.0 -27.4 4 18 11-Oct-01 28.79 17.50 6.72 2.057 71.0 -38.8 5 16 19-Agr-02 25.91 15.80 6.91 2.290 7.5 -30.0 25.7 15-Oct-02 27.11 16.56 7.17 1.990 1.1 7.80 3.52 21-Agr-03 25.93 15.90 7.06 1.970 8.8 6.20 3.91 06-Oct-03 25.51 16.30 6.48 2.110 11.3 -67.0 7.74 13-Agr-04 25.55 14.20 6.41 1.820 0.0 -30.0 19.90 19-Oct-04 26.79 15.59 6.93 1.940 11.8 -71.0 3.57 19-Oct-04 26.79 15.59 6.93 1.940 11.8 -71.0 3.57 19-Oct-04 26.79 15.59 6.93 1.940 11.8 -71.0 3.57 19-Oct-04 26.79 15.59 6.93 1.940 11.8 -71.0 3.57 18-Oct-04 26.79 15.59 6.93 1.940 11.8 -71.0 3.57 18-Oct-04 26.79 15.59 6.93 1.940 11.8 -71.0 3.57 18-Oct-04 26.79 15.59 6.93 1.940 11.8 -71.0 3.57 18-Oct-04 26.79 15.59 6.93 1.940 11.8 -71.0 3.57 18-Oct-04 26.79 15.59 6.93 1.940 11.8 -71.0 3.57 18-Oct-04 26.79 15.59 6.93 1.940 11.8 -71.0 3.57 18-Oct-04 26.79 15.59 6.93 1.940 11.8 -71.0 3.57 18-Oct-04 26.79 15.59 6.93 1.940 11.8 -71.0 3.57 18-Oct-04 26.79 15.59 6.93 1.940 11.8 -71.0 3.57 18-Oct-04 26.79 13.0 9.3 0.970 1.0 0.970 13.0 9.3 2.93 18-Oct-04 26.79 13.90 8.30 1.050 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0			27.53	15.40	6.77	1.820	157.0	-58.7	3 97
11-Oct-01 19-Apr-02 25-91 15-80 6-17 15-Oct-02 27-11 16-56 7-17 19-90 11.1 -78-0 3-52 15-Oct-02 21-Apr-03 25-91 15-80 6-17 17 19-90 11.1 -78-0 3-52 21-Apr-03 3-52 21-Apr-03 13-Apr-04 25-55 16-06 19-0ct-04 26-79 15-59 16-0ct-09 19-Oct-04 26-79 15-59 16-0ct-98 33.19 14-40 7-01 10-70		17-Oct-00	27.50	15.80	7.18	1.830	-10*	-13.8	4 70
19-Apr-02   25.91   15.80   6.91   2.290   7.5   -30.0   2.57     15-Oct-02   27.11   16.56   7.17   1.990   1.1   -78.0   3.52     21-Apr-03   25.93   15.90   7.06   1.970   8.8   62.0   3.91     06-Oct-03   25.51   16.30   6.48   2.110   11.3   6.70   7.74     13-Apr-04   25.35   14.20   6.41   1.820   0.0   -30.0   19.99     19-Oct-04   26.79   15.59   6.93   1.940   11.8   -71.0   3.57     Screened Interval = 39.5-49.5 ft bgs   15-Oct-98   33.09   14.20   7.01   0.970   13.0   9.3   2.93     Ground Surface Elevation = 841.80 ft MSL   15-Apr-99   32.72   13.90   8.30   1.050   0.0   601.1   3.48     06-Oct-99   34.49   15.90   6.45   0.950   21.0   42.2   1.96     24-Apr-04   33.87   15.10   7.27   0.904   10.0   NA   2.49     20-Oct-00   33.89   15.60   7.18   0.990   0.0   87.1   1.96     11-Apr-01   34.06   14.70   6.77   0.741   0.0   133.4   1.47     11-Oct-01   32.39   15.49   6.77   1.084   17.4   74.2   5.33     23-Apr-02   32.70   16.00   7.57   1.310   2.8   141.0   4.71     11-Oct-02   22.2   1.7.85   6.90   1.180   17.2   80.0   7.54     21-Apr-03   31.85   15.20   7.01   1.200   11.2   20.0   3.91     31.85   15.20   7.01   1.200   11.2   20.0   3.91     32.4pr-04   31.23   15.87   6.88   0.968   10.8   47.0   7.20     19-Oct-04   32.53   14.84   6.93   1.190   15.1   25.0   8.62     GR-333   22-Apr-99   14.45   15.10   7.62   1.130   0.0   77.8   5.82     25-Apr-04   31.23   15.87   6.88   0.968   10.8   47.0   7.20     19-Oct-04   32.53   14.84   6.93   1.190   15.1   25.0   8.62     GR-333   22-Apr-98   14.45   15.10   7.62   1.130   0.0   77.8   5.82     25-Apr-04   31.23   15.87   6.88   0.968   10.8   47.0   7.20     19-Oct-04   32.53   14.84   6.93   1.190   15.1   25.0   8.62     GR-333   22-Apr-99   14.45   15.00   6.52   0.859   31.0   4.8   6.00     18-Apr-01   14.43   14.70   7.19   1.290   0.0   6.0   6.0   6.0     18-Apr-01   14.43   14.70   7.19   1.290   0.0   6.0									
15-Oct-02   27.11   16.56   7.17   1.990   1.1   -78.0   3.52   21-Apr-03   25.93   15.90   7.06   1.970   8.8   -62.0   3.91   06-Oct-03   25.51   16.30   6.48   2.110   11.3   -67.0   7.74   13-Apr-04   25.35   14.20   6.41   1.820   0.0   -30.0   19.99   19-Oct-04   26.79   15.59   6.93   1.940   11.8   -71.0   3.57									
21-Apr-03									
GR-330 Screened Interval = 39.5-49.5 ft bgs Ground Surface Elevation = 841.80 ft MSL  GR-330  Screened Interval = 39.5-49.5 ft bgs Ground Surface Elevation = 841.80 ft MSL  GR-330  Screened Interval = 39.5-49.5 ft bgs Ground Surface Elevation = 841.80 ft MSL  GR-330  Screened Interval = 39.5-49.5 ft bgs Ground Surface Elevation = 841.80 ft MSL  GR-330  Screened Interval = 39.5-49.5 ft bgs Ground Surface Elevation = 841.80 ft MSL  GR-330  Screened Interval = 39.5-49.5 ft bgs Ground Surface Elevation = 841.80 ft MSL  GR-331  GR-331  Screened Interval = 39.5-49.5 ft bgs Ground Surface Elevation = 841.80 ft MSL  GR-333  Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  GR-333  Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  GR-333  Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  GR-333  GR-334  GR-333  GR-335  GR-336  GR-337  GR-337  GR-337  GR-337  GR-337  GR-338  GR-									
GR-330 Screened Interval = 39.5-49.5 ft bgs Ground Surface Elevation = 841.80 ft MSL  GR-330  GR-330 Screened Interval = 39.5-49.5 ft bgs Ground Surface Elevation = 841.80 ft MSL  GR-320  GR-330  GR-330  GR-330  Screened Interval = 39.5-49.5 ft bgs Ground Surface Elevation = 841.80 ft MSL  GR-320  GR-330  GR-330  15-Apr-99  32.72  33.09  32.72  33.09  32.72  33.00  33.89  32.72  33.89									
GR-330 Screened Interval = 39.5-49.5 ft bgs Ground Surface Elevation = 841.80 ft MSL  24-Apr-98 15-Apr-99 32.72 13.90 33.87 15-Apr-99 32.72 13.90 33.87 15.10 15-Apr-99 32.72 13.90 33.87 15.10 15-Apr-99 32.72 13.90 33.87 15.10 17.27 0.904 10.0 06-Oct-199 24-Apr-00 33.887 15.10 17.27 0.904 10.0 08.71 11-Apr-01 11-Apr-01 11-Apr-01 32.39 15.49 6.77 1.310 2.8 141.0 4.71 01-Oct-02 32.29 17.85 6.90 1.180 17.2 800 07.54 21-Apr-03 31.85 15.20 07.01 11.20									
Screened Interval = 39.5-49.5 ft bgs Ground Surface Elevation = 841.80 ft MSL    16-Oct-98									
Screened Interval = 39.5-49.5 ft bgs Ground Surface Elevation = 841.80 ft MSL    16-Oct-98	GR-330	24-Apr-98	33.19	14.40	7 03	0.970	1.0	-129.3	2 61
Ground Surface Elevation = 841.80 ft MSL   15-Apr-99   32.72   13.90   8.30   1.050   0.0   601.1   3.48   06-Oct-99   34.49   15.90   6.45   0.950   21.0   42.2   1.96   24-Apr-00   33.87   15.10   7.27   0.904   10.0   NA   2.49   20-Oct-00   33.89   15.60   7.18   0.990   0.0   87.1   1.96   11-Apr-01   34.06   14.70   6.77   0.741   0.0   133.4   1.47   11-Oct-01   32.39   15.49   6.77   1.084   17.4   74.2   5.33   23-Apr-02   32.70   16.00   7.57   1.310   2.8   141.0   4.71   01-Oct-02   32.29   17.85   6.90   1.180   17.2   80.0   7.54   21-Apr-03   31.85   15.20   70.1   1.200   11.2   20.0   3.91   06-Oct-03   31.21   15.72   6.44   1.170   18.3   21.0   10.64   26-Apr-04   31.23   15.87   6.88   0.968   10.8   47.0   7.20   19-Oct-04   32.53   14.84   6.93   1.190   15.1   25.0   8.62   22-Apr-98   14.45   15.10   7.62   1.130   0.0   77.8   5.82   27-Oct-99   16.31   15.70   7.25   1.040   2.0   54.7   4.82   27-Apr-09   16.47   15.40   7.15   0.980   18.0   NA   4.29   25-Apr-00   16.47   15.40   7.15   0.980   18.0   NA   4.29   25-Apr-00   14.43   14.70   7.19   1.290   0.0   6.0   3.16   11-Oct-01   14.78   17.71   7.08   1.057   17.6   68.0   4.58   23-Apr-02   14.69   15.50   7.26   0.992   3.0   118.0   3.75   07-Oct-02   23-Apr-03   16.76   15.80   7.20   1210   16.5   75.0   5.50   23-Apr-03   14.21   16.00   6.77   1.180   0.6   29.0   9.38   28-Apr-04   13.70   16.83   7.01   1.160   4.1   7.0   6.07   3.80   28-Apr-04   13.70   16.83   7.01   1.160   4.1   7.0   6.07   3.80   28-Apr-04   13.70   16.83   7.01   1.160   4.1   7.0   6.07   3.80   3.80   3.25   3.80   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.70   3.80   3.80   3.70   3.80   3.80   3.70   3.80   3.80   3.80   3.80   3.70   3.80   3.80   3.80   3.80   3.80   3.80   3.80   3.80   3.80   3.80   3.80   3.80   3.80   3.80   3.80   3.80   3.80									
GR-333 Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  GR-333  Co-ct-00  GR-334  22-Apr-09  GR-335  Ground Surface Elevation = 812.40 ft MSL  Ground Surface Elevation = 812.40 ft MSL  GR-347-00  GR-367  GR-367  GR-37  GR-37  GR-387									3.48
20-Oct-00		06-Oct-99	34.49	15.90	6.45	0.950	21.0	42.2	1.96
11-Apr-01   34.06   14.70   6.77   0.741   0.0   133.4   1.47     11-Oct-01   32.39   15.49   6.77   1.084   17.4   74.2   5.33     23-Apr-02   32.70   16.00   7.57   1.310   2.8   141.0   4.71     01-Oct-02   32.29   17.85   6.90   1.180   17.2   80   0.754     01-Oct-03   31.85   15.20   7.01   1.200   11.2   20.0   3.91     06-Oct-03   31.21   15.72   6.44   1.170   18.3   21.0   10.64     26-Apr-04   31.23   15.87   6.88   0.968   10.8   47.0   7.20     19-Oct-04   32.53   14.84   6.93   1.190   15.1   25.0   8.62      Great Ground Surface Elevation = 812.40 ft MSL   27-Apr-99   14.45   15.10   7.62   1.130   0.0   77.8   5.82     27-Apr-99   14.45   15.10   7.62   1.130   0.0   77.8   5.82     27-Apr-99   14.45   15.00   6.52   0.859   31.0   4.8   6.00     60-Oct-99   16.31   15.70   7.25   1.040   2.0   54.7   4.82     25-Apr-00   16.47   15.40   7.15   0.980   18.0   NA   4.29     25-Apr-01   14.43   14.70   7.19   1.290   0.0   6.0   3.16     11-Oct-01   14.76   17.71   7.08   1.057   17.6   6.80   4.58     24-Apr-02   14.69   15.50   7.26   0.992   3.0   118.0   3.75     07-Oct-02   14.37   15.82   7.20   1.210   16.5   75.0   5.50     23-Apr-03   16.76   15.80   6.86   1.160   15.8   29.0   1.12     13-Oct-03   14.21   16.00   6.77   1.180   0.6   29.0   9.38     28-Apr-04   13.70   16.83   7.01   1.160   4.1   7.0   6.07     14.67   15.70   16.83   7.01   1.160   4.1   7.0   6.07     15.40   15.40   16.83   7.01   1.160   4.1   7.0   6.07     15.40   15.80   7.01   1.160   4.1   7.0   6.07     15.40   7.25   7.26   7		24-Apr-00	33.87	15.10	7.27	0 904	10.0	NA	
11-Oct-01   32.39   15.49   6.77   1.084   17.4   74.2   5.33   23.4pr-02   32.70   16.00   7.57   1.310   2.8   141.0   4.71   01-Oct-02   32.29   17.85   6.90   1.180   17.2   80.0   7.54   21-Apr-03   31.85   15.20   7.01   1.200   11.2   20.0   3.91   06-Oct-03   31.21   15.72   6.44   1.170   18.3   21.0   10.64   26-Apr-04   31.23   15.87   6.88   0.968   10.8   47.0   7.20   19-Oct-04   32.53   14.84   6.93   1.190   15.1   25.0   8.62									
23-Apr-02									
O1-Oct-02 21-Apr-03 31.85 15.20 7 01 1.200 11.2 20 0 3.91 06-Oct-03 31.21 15.72 6.44 1.170 18.3 21.0 10.64 26-Apr-04 31.23 15.87 6.88 0.968 10.8 47.0 7.20 19-Oct-04 32.53 14.84 6.93 1.190 15.1 25.0 8.62 27-Apr-98 15.35 16.00 6.52 0.859 31.0 4.8 6.00 27-Apr-99 16.31 15.70 7.25 1.040 2.0 54.7 4.82 25-Apr-00 16.47 15.40 7.15 0.980 18.0 NA 4.29 25-Apr-00 15.40 16.20 7.22 1.010 0.0 56.9 3.08 11-Oct-01 14.43 14.70 7.19 1.290 0.0 6.0 3.16 11-Oct-01 14.76 17.71 7.08 1.057 17.6 68.0 4.58 29.0 11.2 4.4pr-02 14.69 15.50 7.26 0.992 3.0 118.0 3.75 0.70ct-03 16.76 15.80 6.86 1.160 15.8 29.0 11.2 13-Oct-03 18.2 Apr-03 16.76 15.80 6.86 1.160 15.8 29.0 1.12 13-Oct-03 18.2 Apr-03 16.76 15.80 6.86 1.160 15.8 29.0 1.12 13-Oct-03 18.2 Apr-04 13.70 16.83 7.01 1.160 4.1 7.0 6.07									
21-Apr-03   31.85   15.20   7 01   1.200   11.2   20 0   3.91   06-Oct-03   31.21   15.72   6.44   1.170   18.3   21.0   10 64   26-Apr-04   31.23   15.87   6.88   0.968   10.8   47.0   7.20   19-Oct-04   32.53   14.84   6.93   1.190   15.1   25.0   8.62    GR-333   22-Apr-98   14.45   15.10   7.62   1.130   0.0   77.8   5.82   27-Oct-98   15.35   16.00   6.52   0.859   31.0   4.8   6.00   27-Apr-99   14.45   16.20   7.30   0.630   14.0   35.4   5.19   06-Oct-99   16.31   15.70   7.25   1.040   2.0   54.7   4.82   25-Apr-00   16.47   15.40   7.15   0.980   18.0   NA   4.29   25-Apr-01   14.43   14.70   7.19   1.290   0.0   6.0   3.16   11-Oct-01   14.76   17.71   7.08   1.057   17.6   68.0   4.58   24-Apr-02   14.69   15.50   7.26   0.992   3.0   118.0   3.75   07-Oct-02   14.37   15.82   7.20   1.210   16.5   75.0   5.50   23-Apr-03   16.76   15.80   6.86   1.160   15.8   29.0   1.12   13-Oct-03   14.21   16.00   6.77   1.180   0.6   29.0   9.38   28-Apr-04   13.70   16.83   7.01   1.160   4.1   7.0   6.07	ļ								
GR-333 Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  06-Oct-09 16.47 19-Oct-04 11-Oct-01 15.40 16.20 17.25 10.40 16.47 11-Oct-01 14.43 14.70 15.72 16.44 1.170 18.3 21.0 10.64 17.70 18.3 21.0 10.64 10.8 47.0 7.20 10.8 6.2 8.62  22-Apr-98 14.45 15.10 7.62 1.130 0.0 77.8 5.82 27-Apr-99 14.45 16.20 7.30 0.630 14.0 35.4 5.19 06-Oct-09 16.47 15.40 7.25 10.40 2.0 54.7 4.82 25-Apr-00 16.47 15.40 7.15 0.980 18.0 NA 4.29 20-Oct-00 15.40 16.20 7.22 1.010 0.0 56.9 3.08 18-Apr-01 14.43 14.70 7.19 1.290 0.0 6.0 3.16 11-Oct-01 14.76 17.71 7.08 1.057 17.6 68.0 4.58 24-Apr-02 14.69 15.50 7.26 0.992 3.0 118.0 3.75 07-Oct-02 14.37 15.82 7.20 1.180 0.6 29.0 9.38 28-Apr-04 13.70 16.83 7.01 1.160 4.1 7.0 60.7									
GR-333 Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  22-Apr-98 15.35 16.00 15.00 15.10			•						
GR-333 Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  06-Oct-99 16.31 15.70 15.40 16.47 15.40 16.20 17.25 10.40 20-Oct-00 15.40 16.20 17.22 1.010 1.00 1.00 1.00 1.00 1.00 1.00	]								
Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  27-Apr-99  14.45  16.20  7.30  0.630  14.0  35.4  5.19  06-Oct-99  16.31  15.70  7.25  1.040  2.0  54.7  4.82  25-Apr-00  16.47  15.40  7.15  0.980  18.0  NA  4.29  20-Oct-00  18.43  11.00  18.43  14.70  7.19  1.290  0.0  6.0  3.16  11-Oct-01  14.76  17.71  7.08  1.057  17.6  68.0  4.58  24-Apr-02  14.37  15.82  7.20  120  16.57  7.20  18.									
Screened Interval = 25.1-35.1 ft bgs Ground Surface Elevation = 812.40 ft MSL  27-Apr-99  14.45  16.20  7.30  0.630  14.0  35.4  5.19  06-Oct-99  16.31  15.70  7.25  1.040  2.0  54.7  4.82  25-Apr-00  16.47  15.40  7.15  0.980  18.0  NA  4.29  20-Oct-00  18.43  11.00  18.43  14.70  7.19  1.290  0.0  6.0  3.16  11-Oct-01  14.76  17.71  7.08  1.057  17.6  68.0  4.58  24-Apr-02  14.37  15.82  7.20  120  16.57  7.20  18.	GR-333	22-Apr-98	14 45	15 10	7.62	1,130	0.0	77 8	5.82
Ground Surface Elevation = 812.40 ft MSL 27-Apr-99 06-Oct-99 16 31 15 70 7.25 1 040 2.0 54.7 4 82 25-Apr-00 16.47 15 40 7.15 0.980 18 0 NA 4.29 20-Oct-00 15.40 16.20 7 22 1.010 0.0 56 9 3 08 18-Apr-01 14.43 14 70 7.19 1.290 0.0 6.0 3.16 11-Oct-01 14.76 17.71 7 08 1.057 17.6 68 0 4 58 24 207-Oct-02 14.37 15.82 7 20 1.210 16.5 75.0 5 50 23-Apr-03 16 76 15 80 6.86 1 160 15.8 29.0 1 12 13-Oct-03 14.21 16.00 6.77 1.180 0.6 29.0 9 38 28-Apr-04 13.70 16 83 7.01 1.160 4.1 7 0 6 07									
06-Oct-99	Ground Surface Elevation = 812.40 ft MSL								
20-Oct-00		06-Oct-99				1 040			4 82
18-Apr-01 14.43 14.70 7.19 1.290 0.0 6.0 3.16 11-Oct-01 14.76 17.71 7.08 1.057 17.6 68.0 4.58 24-Apr-02 14.69 15.50 7.26 0.992 3.0 118.0 3.75 07-Oct-02 14.37 15.82 7.20 1.210 16.5 75.0 5.50 23-Apr-03 16.76 15.80 6.86 1.160 15.8 29.0 1.12 13-Oct-03 14.21 16.00 6.77 1.180 0.6 29.0 9.38 28-Apr-04 13.70 16.83 7.01 1.160 4.1 7.0 6.07	ĺ								
11-Oct-01 14.76 17.71 7 08 1.057 17.6 68 0 4 58 24-Apr-02 14.69 15.50 7.26 0.992 3 0 118 0 3 75 07-Oct-02 14.37 15.82 7 20 1 210 16.5 75.0 5 50 23-Apr-03 16.76 15.80 6.86 1 160 15.8 29.0 1 12 13-Oct-03 14.21 16.00 6.77 1.180 0.6 29.0 9 38 28-Apr-04 13.70 16.83 7.01 1.160 4.1 7 0 6 07									
24-Apr-02									
07-Oct-02     14.37     15.82     7.20     1.210     16.5     75.0     5.50       23-Apr-03     16.76     15.80     6.86     1.160     15.8     29.0     1.12       13-Oct-03     14.21     16.00     6.77     1.180     0.6     29.0     9.38       28-Apr-04     13.70     16.83     7.01     1.160     4.1     7.0     6.07	1								
23-Apr-03 16 76 15 80 6.86 1 160 15.8 29.0 1 12 13-Oct-03 14 21 16.00 6.77 1.180 0.6 29.0 9 38 28-Apr-04 13.70 16 83 7.01 1.160 4.1 7 0 6 07									
13-Oct-03 14 21 16.00 6.77 1.180 0.6 29.0 9.38 28-Apr-04 13.70 16.83 7.01 1.160 4.1 7.0 6.07									
28-Apr-04 13.70 16.83 7.01 1.160 4.1 7.0 6.07									
	į į								
20-000-4 10.41 13.93 1.23 1.300 203.0 -20.0 0.41									
		20 001-04	10.47	13.33	1.23	1.300	200.0	-200	U 41

### Table 6-1 Basewide LTM Groundwater Field Parameters: October 2004 Wright-Patterson AFB, Ohio Page 9 of 11

	Date	Static Water	Temp.	pН	Conductivity	Turbidity	ORP	DO
Well Number	Sampled	Level (ft, TOC)	(C°)	(SU)	(mS/cm)	(NTU)	(mV)	(mg/L)
GR-334	22-Apr-98	13.85	15.60	7.72	0.815	0.0	-145.1	0.93
Screened Interval = 145.0-155.0 ft bgs	28-Oct-98	14.62	15.00	6.56	0.603	0.0	-104.7	0.27
Ground Surface Elevation = 812 51 ft MSL	22-Apr-99	13.76	15.50	8.62	0.800	0.6	-240.6	0.33
	06-Oct-99	15.59	15.20	7.32	0.758	7.0	-113.5	0.13
	25-Apr-00	15.76	14.30	7.26	0.775	0.0	NA	1.54
	20-Oct-00	14.67	14.80	7.33	0.891	0.0	-143.1	0.05
·	18-Apr-01	13.72	14.40	7.25	0.950	0.0	-120.1	0.05
	11-Oct-01	14.08	16.30	7.17	0.763	0.0	-115.9	0.49
	24-Apr-02	13.98	14.10	7.19	0.691	0.0	-134.0	0.00
<b>!</b>	07-Oct-02	13.64	14.93	7.32	0.815	1.3	-140.0	0.81
1	23-Apr-03	16.09	14.90	7.03	0.827	0.0	-149.0	0.00
	13-Oct-03	13.48	14.85	6.93	0.753	0.0	-158.0	3.98
1	28-Apr-04	13.02	14.44	7.08	0.708	25	-127.0	8.48
	20-Oct-04	15.76	15.16	7.28	0.868	4.5	-170.0	1.32
OU10-MW-03S	19-Apr-00**	26.70	14.40	7.50	0.930	off scale	-120.0	6.55
Screened Interval = 27.8-37.8 ft bgs	17-Oct-00	27.81	14.70	7.49	0.688	10.0	216.3	5.35
Ground Surface Elevation = 831.40 ft MSL	11-Apr-01	28.04	14.90	6.90	0.679	0.0	189.9	5.62
Ground Surface Elevation - 631.40 it MSL	15-Oct-01	28.03	15.44	6.95	1.064	0.0	83.8	6.95
	19-Apr-02	24.84	15.10	7.10	1.100	9.3	172.0	5.59
	04-Oct-02	26.11	18.84	7.10	0.940	9.3 3.9	162.0	6.37
		26.65	14 25	7.33	0.992	7.1	153.0	4 46
	07-Apr-03					0.0	158.0	5.59
	07-Oct-03	24.90	15.28	7.15	0.896		114.0	5.89
	20-Apr-04	23.95 26.23	14.52 15.04	7.43 6.94	0.914 0.863	5.3 1.6	260.0	5.39
	14-Oct-04	20.23	13.04	0.94	0.003	1.0	200.0	3.39
QU10-MW-06D	20-Apr-98	27.46	13.60	7.55	1.030	0 0	-94.7	5.04
Screened Interval = 140.4-150.4 ft bgs	23-Oct-98	29.29	14.10	5.15	0.940	23.0	413.1	8.50
Ground Surface Elevation = 829.73 ft MSL	16-Apr-99	27.96	10.50	8.70	0.930	0.0	-110.1	2.52
STATE STATES PROPERTY STATES	08-Oct-99	29.85	15.60	7 22	0.607	0.0	173.9	3.65
	21-Apr-00	27.56	11.90	7 18	0.940	0.0	-34.3	3.47
	17-Oct-00	28.79	13.90	7.42	0.733	0.0	-27.3	1.62
	11-Apr-01	28.52	13.80	7.08	0.908	1.0	-81.8	0.82
i	15-Oct-01	29.09	14.22	7.03	1.060	2.1	-44.9	2.27
	19-Apr-02	26.63	14.30	7.05	1.120	5.1	-123.0	1.86
	04-Oct-02	27.62	14.95	7.11	0.933	9.0	-113.0	0.00
	07-Apr-03	27.00	13.50	7.20	0.980	0.0	-88.0	0.00
İ	14-Oct-03	27.31	14.07	7.07	0.938	0.0	-140.0	2.70
4		28.59	13.79	7.07	0.817	3.7	-138 0	2.66
1	20-Apr-04 14-Oct-04	28.10	14.76	6.93	0.922	0.0	-166.0	0.70
i	14-Oct-04	28.10	14.70	6.93	0.922	0.0	-100.0	0.70
OU10-MW-06S	24-Apr-98	12.84	14.70	7.44	0.911	0.0	130.0	1.59
Screened Interval = 52-62 ft bgs	23-Oct-98	27.45	14.90	4.56	0.827	55.0	107.7	3.82
Ground Surface Elevation = 830.07 ft MSL	16-Apr-99	26.56	14.10	8.57	0.936	6.0	-139.1	1.01
	06-Oct-99	28.59	13.90	7.24	0.876	5.0	76.0	1.58
i	21-Apr-00	26.49	13.00	7.15	1.270	0.0	68.6	1.74
ŀ	17-Oct-00	27.69	14.10	7.43	0.672	0.0	112.0	1.60
	11-Apr-01	27.74	14.30	7.14	0.819	1.0	53.3	0.31
	15-Oct-01	28.06	15.06	7.04	0.985	24.0	40.3	2.84
	19-Apr-02	24.83	15.90	7.11	1.000	3.4	99.0	2.73
	04-Oct-02	26.10	14.73	7.05	0.940	3.5	284.0	1.73
	07-Apr-03	25.05	14.40	7.18	0.913	0.0	99.0	0.40
	14-Oct-03	25.35	14.03	6.92	0.920	0.0	180.0	4.45
	20-Apr-04	24.21	14.20	7.23	0.761	1.1	21.0	6.75
	14-Oct-04	26.31	14.96	6.94	0.850	0 0	80.0	2.40
OU10-MW-11D	23-Apr-98	11.65	14.50	7.30	1.260	0 0	161.7	2.03
Screened Interval = 87.9-97.9 ft bgs	20-Oct-98	12.23	14.20	6.60	0 833	3.0	181 8	0.77
Ground Surface Elevation = 812.55 ft MSL	16-Apr-99	11.60	13.20	7.03	0 893	65.0	229.3	0.90
	06-Oct-99	13.56	16.00	6.91	1.520	22 0	129.2	0.39
ļ	18-Apr-00	11.49	13.80	7.19	1.270	0.0	142 8	1.80
	18-Oct-00	12.51	14.80	6.67	0.545	00	105.9	0.29
	16-Apr-01	11.64	13.40	6.99	0.840	00	93.9	0.17
	12-Oct-01	11.90	17.02	6.91	2.734	82 0	2416	2.43
	22-Apr-02	11.70	13 90	7.66	0 830	00	322.0	0.54
	04-Oct-02	11.49	17.25	7 17	1 030	2.1	171 0	1.47
1	10-Apr-03	12.98	14 00	7.04	0.988	00	100.0	0.00
	06-Oct-03	10.97	15.24	6.98	0.916	9.4	910	1.33
	19-Apr-04	10.41	15.42	7.09	0.937	86	79.0	3.65
1	12-Oct-04	11.81	14.79	7.12	0.969	0.5	106.0	1 47

#### Table 6-1 Basewide LTM Groundwater Field Parameters: October 2004 Wright-Patterson AFB, Ohio Page 10 of 11

	Date	Static Water	Temp.	pН	Conductivity	Turbidity	ORP	DO
Well Number	Sampled	Level (ft, TOC)	(C°)	(SU)	(mS/cm)	(NTU)	(mV)	(mg/L)
OU10-MW-11S	27-Apr-98	11.48	13.70	7.13	0.772	1.0	24.4	3.36
Screened Interval = 53 3-63.3 ft bgs	20-Oct-98	11.37	14.30	6.42	0.820	3.0	214.2	3.30
Ground Surface Elevation = 812.57 ft MSL	21-Apr-99	11.70	13.30	7.10	0.805	19.0	260 7°	3.25
	13-Oct-99	13.31	16.70	6.56	0.820	0 0	146.4	3.31
	18-Apr-00	11.28	14.10	7.24	1.220	0.0	180.4	5.16
	18-Oct-00 16-Apr-01	13.20 11.58	15.60 13.80	6.67 6.97	0.559 0.862	1.0 0.0	117.5 94.5	3.51 3.58
•	12-Oct-01	11.50	15.96	6.88	2.659	11.6	261.8	3.46
	17-Apr-02	10.85	15.10	6.89	0.942	0.0	171.0	1.77
	16-Oct-02	11.32	14.77	7.13	0.914	0.0	142.0	3 36
	15-Apr-03	10.56	15.10	7.11	1.020	0.0	87 0	3 21
	06-Oct-03	10.45	15.54	7.01	0.902	-1.0	134.0	3.38
	19-Apr-04	9.67	14.76	7.09	0 946	79	78.0	3.16
•	12-Oct-04	11.23	15.27	7.14	0.953	4 2	104.0	3.19
OU10-MW-19D	24-Apr-98	33.58	16.80	7.30	1.010	0.0	231.6	5.21
Screened Interval = 72.1-82.1 ft bgs	20-Oct-98	34,44	14.80	6.66	0.916	0.0	173.2	4.13
Ground Surface Elevation = 834 32 ft MSL	19-Apr-99 06-Oct-99	33.69 35.35	14.60 15.10	7.27 7.14	0.683 1.070	15.0 2.0	223.1 81.2	4.60 4.87
	19-Apr-00	33.56	14.70	7.14	1.010	2.0	-116.0	5 33
	20-Oct-00	34.40	15.30	6.73	0.561	1.0	177.4	5 36
	10-Apr-01	34.41	15.50	7 00	1.040	0.0	36.1	4 73
	10-Oct-01	35.41	16.30	7.00	1 263	0.0	43.4	5.15
	24-Apr-02	32.72	15.50	7.27	1.040	0.0	107.0	5.51
	30-Sep-02	33.37	16.26	7.01	1.210	19	132.0	4.76
	10-Apr-03	35.02	14.70	6.99	1 100	0.4	120.0	3.32
	02-Oct-03	32 90	14.85	7.02	0.610	0.7	91.0	4.31
	26-Apr-04	32.64	15 20	6.94	0.966	12	99.0	6.57
	20-Oct-04	33 88	15.13	7.27	1.100	8.1	94.0	4 71
01140 1414 040	07.0-4.00	2.40	45.50	C 57	0.700	4.0	04.0	4.40
OU10-MW-21S Screened Interval = 15.5-25.5 ft bgs	27-Oct-98	8.10	15.50	6.57 7.00	0.736	4.0	81.0	1 46
Ground Surface Elevation = 804.09 ft MSL	14-Apr-99 07-Oct-99	7 65 8 62	11.70 15.10	7 34	0.910 0.626	0.0 1 0	217.8 207.8	0.75 0.02
Ground Surface Elevation - 804.09 it MSE	19-Apr-00	7 11	12.80	7.09	0.892	20	-64.0	1.00
}	19-Oct-00	7.70	14.90	6.68	0.532	0.0	73.1	0.81
	18-Apr-01	6.89	11 70	6.86	1.240	0.0	86.7	1.64
į	10-Oct-01	7.59	19 19	6.99	1.077	11 0	20 2	3 60
	24-Apr-02	7.82	13.20	7.29	0 859	1.8	295.0	0 64
	02-Oct-02	7.12	19.86	7.21	1.010	6.4	59.0	1 80
	16-Apr-03	7.27	12.40	7.07	1.060	0.0	53.0	1.02
	02-Oct-03	7.20	15 26	6 95	0.883	17.5	29.0	1 87
	15-Apr-04	6 92	12.27	7.03	0 970	0 0	50.0	6 18
	08-Oct-04	8 06	14.84	7 11	0 814	0.0	140.0	1.33
OU10-MW-25S	24-Apr-98	28.05	14 10	7.11	1.320	5.0	182.4	4 22
Screened Interval = 36-46 ft bgs	20-Oct-98	27.80	15 10	6.72	0.765	0.0	76.3	2.48
Ground Surface Elevation = 835.12 ft MSL	16-Apr-99	27.35	12.80	7.10	0.830	119.0	40.1	4.36
Ground Sandas Elevation Society Remoz	06-Oct-99	29.75	14.20	7.23	0.786	15.0	94.0	3 29
	18-Apr-00	28.03	14.20	7.38	0.860	3.0	-81 0	5 25
	17-Oct-00	28.81	14.20	7 37	0.953	-10*	122.9	3 22
	12-Apr-01	28.81	15.30	6.89	0.796	0.0	76 4	3.69
1	15-Oct-01	28.94	14.52	7.07	1 020	8 9	49.3	4.17
	22-Apr-02	25.67	12.60	6.67	0 898	0.0	250.0	1 62
	03-Sep-02	27.10	15.47	6.99	0.838	7.2	266 0	4.02
	09-Apr-03	27 36	13.40	7.13	1.020	13 1	154.0	3.31
	01-Oct-03	25.44	13 95	7.14	0.492	1.1	127.0	3.18
i	12-Apr-04	24.91	13.02	7.12	0.794	0.0	145.0	1 71
	14-Oct-04	27.19	14.38	6.83	0 821	0.1	237 0	2 58
NEA-MW37-1D	27-Apr-98	10.30	13 70	7 31	0.892	0.0	41.3	1.14
Screened Interval = 84.7-94.6 ft bas	16-Oct-98	11.00	18 90	7.07	0.665	105.0	-112.4	8.77
Ground Surface Elevation = 810.49 ft MSL	14-Apr-99	10.53	13.30	8.55	0.947	0.0	-240.0	0.11
	08-Oct-99	12.25	14 10	7.07	0.625	0.0	32 6	1.77
ì	19-Apr-00	9.05	13 30	7.05	0.897	1.0	-85.4	0 73
	19-Oct-00	10.12	16 30	6.71	0.565	-10*	-40.9	0.46
ł	18-Apr-01	9.35	13 40	6 86	1.220	0 0	364 0	0 09
İ	10-Oct-01	9.61	15 21	6.79	1 996	4.7	-42 1	3 84
	22-Apr-02	No access - area wa	s restricted					
	02-Oct-02	8 98	16 78	7.17	0.995	1 1	-68 0	0 27
	16-Apr-03	8 75	14.30	7 05	1.010	0.0	-78 0	0.05
Į.	02-Oct-03	8 65	15.18	6.96	1.010	9.5	-86.0	0 27
İ	15-Apr-04	8.09	13.31	7.01	0.972	1.5	-6.2	1.50
	08-Oct-04	9.58	14 56	7.12	0.841	0.0	-79.0	0.00

#### Table 6-1 Basewide LTM Groundwater Field Parameters: October 2004 Wright-Patterson AFB, Ohio Page 11 of 11

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Well Number	Date Sampled	Static Water Level (ft, TOC)	Temp. (C°)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)	DO (mg/L)
23-578-M	29-Oct-98	31.82	15.10	6.62	1.590	31.0	94.8	6.11
Screened Interval = 31.5-41.5 ft bgs	20-Apr-99	31.40	15.90	8.75	1.410	2.0	-138.9	5.40
Ground Surface Elevation = 838.10 ft MSL	06-Oct-99	33.42	16.50	6.40	1.510	22 0	155.7	3.88
	18-Apr-00	31.99	14.40	7.28	1.300	10.0	-53.9	6.21
	17-Oct-00	31.92	15.10	7.39	1.620	-10°	95.2	5.24
į.	10-Apr-01	32.33	15.50	7.09	1.560	0.0	34.7	6.04
ſ	11-Oct-01	30.95	16.97	6.97	2.145	14.0	200 7	6.85
i	22-Apr-02	30.09	13.30	7.02	2.060	1.7	121.0	4.85
	04-Oct-02	31.08	18.45	7.12	1.940	1.6	139.0	6.59
i	07-Apr-03	32.10	14.31	7.23	1.640	6.9	144.0	5.79
i	06-Oct-03	29.78	15.84	6.58	2.100	9.0	27.0	8.64
	13-Apr-04	29.60	13.98	6.41	1.820	0.0	75.0	19.67
<b>}</b>	19-Oct-04	31.10	14.76	7.05	1.830	0.0	112.0	5.39

NR - No reading. Broken off water level probe obstructing well 131S. DUP - Duplicate sample collected during a different purging event. NA - Not available

- \* or ERR Meter not functioning correctly
- \*\* Wells SP11-MW08 and OU10-MW03 were sampled with a bailer for VOCs, then sampled at a later date with a pump for metals during the April 2000 sampling event.
- ^ Well 07-520-M was sampled for filtered metals and VOCs on 4/23/02, and was later sampled for total metals on 4/25/02.
- <sup>8</sup> Well CW-03-77 was sampled for VOCs on 4/17/02, and was later sampled for total metals on 5/02/02.

BTP - Below top of pump DO - Dissolved Oxygen mg/L - milligrams per liter ft,TOC - feet below top of casing ft, MSL - feet, ref. Mean sea level

ft bgs - feet below ground surface ORP - Oxygen Reduction Potential C° - Degrees Celsius

SU - Standard Units mV - millivolts

Note: When the Marksman well was sampled for metals in May 2002, field parameters were not taken.

# Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 1 of 14

Sample Location	Management Area	Date Sampled	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	1,2-DCA (μg/L)	Total 1,2-DCE (µg/L)	PCE (µg/L)	TCE (µg/L)	Vinyl Chloride (μg/L)	MTBE (μg/L)
<del></del>	MCL		5	1,000	700	10,000	5	70	5	5	2	NCL
B59-MW01	Bldg. 59	13-Oct-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	1 .	27-Apr-99	ND	ND	ND	ND	ND	ND	ND	0.36 J	ND	NS
	i '	27-Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		11-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1 1	12-Oct-01	ND	ND	ND	ND	ND	ND	ND	0.26 J	ND	ND
	1 :	19-Apr-02	ND	ND	ND	ND	ND	ND	ND	0.34 J	ND	ND
	1	26-Sep-02	ND	ND	ND	ND	ND	ND	ND	1.6 J	ND	ND
	1	08-Apr-03 07-Oct-03	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 0.25 J	ND ND	ND ND
		13-Apr-04	ND	ND	ND	ND	ND	ND	ND	0.25 J	ND	ND
	1	15-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B59-MW02	Bidg. 59	08-Oct-98	ND	ND	ND	ND	(7.8 J)	(190)	ND	ND	(27)	NS
		27-Apr-99	ND	ND	ND	ND	(100 D)	(221.7 D)	ND	(13)	(36)	NS
	Duplicate	27-Apr-99	ND	ND	ND	ND	(65)	(141.3 J)	ND	(12)	(30)	NS
		27-Apr-00	ND	ND	ND	ND	3.0 JD	(200 D)	ND	(52 D)	(10 JD)	NS
	ì	11-Apr-01	ND	ND	ND	ND	3.6 JD	(111.9 JD)	ND	(43 D)	(14 D)	ND
		17-Oct-01	ND	ND	ND	ND	3.9 JD	(291.8 JD)	ND	(230 D)	(16 D)	ND
		17-Apr-02 27-Sep-02	ND ND	ND ND	ND ND	ND ND	ND ND	(790 D) (580 D)	ND ND	(520 D)	(33 D) (26 D)	ND ND
		07-Apr-03	ND ND	ND	ND	ND	ND	(1200 D)	ND	(660 D) (1100 D)	(26 D) (37 JD)	ND
	Duplicate	07-Apr-03	ND	ND	ND	ND	ND	(1200 D)	ND	(1200 D)	(38 JD)	ND
	L Copilicato	07-Oct-03	ND	ND	ND	ND	1 1 JD	(1104 D)	ND	(1400 D)	(54 D)	ND
	i 1	13-Apr-04	ND	ND	ND	ND	ND	(2444 D)	ND	(2800 D)	(41 D)	ND
	Duplicate	13-Apr-04	ND	ND	ND	ND	ND	(2435 D)	ND	(2900 D)	(39 D)	ND
		12-Oct-04	ND	ND	ND	ND	ND	(1607.4 D)	ND	(2300 D)	(57 D)	ND
B59-MW03	Bklg. 59	08-Oct-98	2.4	ND	ND	ND	ND	(170)	ND	(19)	(18)	NS
	Duplicate	08-Oct-98	2.2	ND	ND	ND	ND	(160)	ND	(18)	(16)	NS
		27-Apr-99	(8.2 J)	ND	ND	ND	(13)	(406)	ND	(510)	(69)	NS
		15-Jun-99 27-Apr-00	(6 0 J)	ND	ND	ND	(9.1)	(319)	ND	(430)	NR (11 ID)	NS NS
		11-Apr-01	1 4 JD ND	ND ND	ND ND	ND ND	2.9 JD ND	(190 D)	ND ND	(180 D) (150 D)	(11 JD) (39 D)	ND
	<b>!</b> !	17-Oct-01	0.9 J D	ND	ND	ND	(6 0 D)	(333 D) 64.99 JD	ND	(22 D)	(5.7 D)	ND
		26-Apr-02	1.1 JD	ND	ND	ND	1.8 JD	(81.9 D)	ND	(22 D)	(3.7 D)	ND
	1	17-Oct-02	ND	ND	ND	ND	1 9 JD	63.6 D	ND	(16 D)	(14 D)	ND
	Duplicate	17-Oct-02	0.99 JD	ND	ND	ND	1 8 JD	61.2 D	ND	(16 D)	(14 D)	ND
		15-Apr-03	ND	ND	ND	ND	1.2 JD	(77.8 D)	ND	(16 D)	(26 D)	ND
	1	08-Oct-03	2.1 JD	ND	ND	ND	ND	(186.7 D)	ND	(100 D)	(53 D)	ND
	ļ <b>[</b>	20-Apr-04 12-Oct-04	1.2 1.9	ND ND	ND ND	ND ND	0.46 J 0.70 J	(113.8 D) (165.5 D)	ND ND	(47 D) (42 D)	(30) (25)	ND ND
	1		1							•		
B59-MW04	Bldg. 59	08-Oct-98	1.1	ND	0.16 J	0.35 J	ND	36	ND	(7.9)	(17)	NS
		27-Apr-99 27-Apr-00	ND 0.14 J	0.32 J ND	ND ND	ND ND	ND ND	5.2 8.8	ND ND	4.3 3.3	1.1 (2.5)	NS NS
	1 [	11-Apr-01	Not sampled			140	1417	0.0	-	3.3	(2.5)	-
		17-Oct-01	ND	ND	ND	ND	ND	63.7 D	ND	0.85 J D	(11 D)	ND
	1 1	19-Apr-02	ND	ND	ND	ND	ND	5.58 J	ND	0.29 J	1.9	ND
		26-Sep-02	ND	ND	ND	ND	ND	5 52	ND	0.69 J	18	ND
	1 1	08-Apr-03	ND	ND	ND	ND	ND	8 26	ND	0.46 J	(5.7)	ND
	1 1	07-Oct-03	ND	ND	ND	ND	ND	7.07	ND	1.2 J	(2.0)	ND
	Duplicate	07-Oct-03	ND	ND	ND	ND	ND	6.74	ND	0.96 J	(2.1)	ND
	1 1	13-Apr-04	ND	ND	ND	ND	ND	1.88 J	ND	0.48 J	0 52 J	ND
	Duplicate	15-Oct-04 15-Oct-04	0.24 J ND	ND ND	ND ND	ND ND	ND ND	6.52 6.49	ND ND	0.42 J 0.43 J	(2.6) (2.4)	ND ND
B700/D \$44/04	}											
B79C/D-MW01	Bkdg. 79	26-Feb-02 26-Sep-02	ND ND	ND ND	ND ND	ND ND	ND ND	8.76 9.67 J	ND ND	1.7	0.33 <b>N</b> D	NS ND
	1 1	26-Sep-02 16-Apr-03	ND	ND	ND	ND ND	ND	9.42 J	ND	(18) (18)	ND ND	ND ND
	Duplicate	16-Apr-03	ND ND	ND	ND	ND	ND	9.42 J 9.02 J	ND	(17)	ND	ND
	Sopilicate	06-Oct-03	ND	ND	ND	ND	ND	6.92 J	ND	(16)	0.28 J	ND
		28-Apr-04	ND	ND	ND	ND	ND	8.98	ND	(30)	0 41 J	ND
		08-Oct-04	0.32 J	ND	ND	ND	ND	8.69	ND	(30)	0 38 J	ND
B79C/D-MW02	Bldg. 79	25-Feb-02	ND	ND	ND	ND	ND	0.77	ND	(77)	ND	NS
	]	26-Sep-02	ND	ND	ND	ND	ND	ND	ND	(72 D)	ND	ND
	1 1	15-Apr-03	ND	ND	ND	ND	ND	ND	ND	(56 D)	ND ND	ND
	1	06-Oct-03	ND	ND	ND	ND	ND	ND	ND	(45 D)	ND ND	ND
	] [	19-Apr-04 12-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(43 D)	ND ND	ND ND
	1 !	12-001-04	IAD	MO	MD	MD	ND	ND	IVU	(45 D)	NU	NU

# Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 2 of 14

Sample Location	Management Area	Date Sampled	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (ug/L)	Total Xylenes (μg/L)	1,2-DCA {µg/L}	Total 1,2-DCE (µg/L)	PCE (µg/L)	TCE (µg/L)	Vinyl Chloride (µg/L)	MTBE ⟨μg/L)
	MCL		5	1,000	700	10,000	5	70	5	5	2	NCL
B79C/D-MW03	Bldg. 79	25-Feb-02	ND	ND	ND	ND	ND	0.44	ND	(69)	ND	NS
	Duplicate	25-Feb-02	ND	ND	ND	ND	ND	0.50	ND	(70)	ND	NS
		25-Sep-02	ND	ND	ND	ND	ND	ND	ND	(69 D)	ND	ND
	Duplicate	25-Sep-02	ND	ND	ND	ND	ND	ND	ND	(72 D)	ND	ND
		16-Apr-03	ND	ND	ND	ND	ND	ND	ND	(34 D)	ND	ND
		07-Oct-03	ND	ND	ND	ND	ND	ND	ND	(11)	ND	ND
		20-Apr-04	ND	ND	ND	ND	ND	ND	ND	(13)	ND	ND
	1	08-Oct-04	ND	ND	ND	ND	ND	0.44 J	ND	(40)	ND	ND
	Duplicate	08-Oct-04	ND	ND	ND	ND	ND	0.42 J	ND	(40)	ND	ND
B79C/D-MW04	Bldg. 79	25-Feb-02	ND	ND	ND	ND	ND	1.2	ND	(7.7)	ND	NS
		25-Sep-02	ND	ND	ND	ND	ND	1.0	ND	(23)	ND	ND
		16-Apr-03	ND	ND	ND	ND	ND	0.44 J	ND	(25)	ND	ND
	l l	07-Oct-03	ND	ND	ND	ND	ND	0.55	ND	(25)	ND	ND
	Duplicate	07-Oct-03	ND	ND	ND	ND	ND	0.61	ND	(28)	ND	ND
	]	19-Apr-04	סא	ND	ND	ND	ND	0.56 JD	ND	(38 D)	ND	ND
	Duplicate	19-Apr-04	ND	ND	ND	ND	ND	0.51 JD	ND	(38 D)	ND	ND
		08-Oct-04	ND	ND	ND	ND	ND	0.71	ND	(45 D)	ND	ND
BS5 P-1	BS5	04-Jun-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		04-Nov-98	ND	ND	ND	ND	ND	ND	1.5	0.41 J	ND	NS
		19-Apr-99	ND	ND	ND	ND	ND	ND	1.6	0.32 J	ND	NS
	1	08-Oct-99	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		26-Apr-00	ND	ND	ND	ND	ND	ND	0.56	ND	ND DDV	NS
	i l	20-Oct-00	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		19-Apr-01	ND	ND	ND	ND	ND	ND	0.38 J 0.69 J	ND ND	ND ND	ND
	1	11-Oct-01	ND	ND ND	ND	ND	ND	ND ND	0.85 J	0.15 J		ND
		25-Apr-02	ND	ND	ND ND	ND ND	ND ND	ND ND	0.83 J 0.78 J	ND	ND ND	ND ND
	1 1	01-Oct-02	ND ND	ND ND	ND	ND	ND	ND	0.78 J	ND	ND	ND
	1 1	11-Apr-03 07-Oct-03		ND	ND	ND	ND	ND	12	ND	ND	ND
		27-Apr-04	ND ND	0.18 J	ND	ND	ND	ND	1.5	ND	ND	ND
	l i	19-Oct-04	ND	ND.	ND	ND	ND	ND	1.3	ND	ND	ND
BS5 P-2	BS5	04-Jun-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
DO31-2	500	04-Nov-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		19-Apr-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		08-Oct-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		26-Apr-00	ND	0.33 J	ND	ND	ND	ND	ND	ND	ND	NS
	1	20-Oct-00	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	[	19-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1 1	10-Oct-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		25-Apr-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	i	01-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	i	11-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		07-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		27-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	]	19-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BS5 P-3	BS5	06-Jun-97	ND	ND	ND	ND	ND	ND	(23)	ND	ND	NS
	1 1	04-Nov-98	ND	ND	ND	ND	ND	ND	(29)	0 27 J	ND	NS
	Duplicate	04-Nov-98	ND	ND	ND	ND	ND	ND	(33)	0.30 J	ND	NS
		19-Apr-99	ND	ND	ND	ND	ND	ND	(30)	ND	ND	NS
	1 1	08-Oct-99	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	1	26-Apr-00	ND	ND	ND	ND	ND	ND	(25)	ND	ND	NS
	Duplicate	26-Apr-00	ND	ND	ND	ND	ND	ND	(24)	ND	ND	NS
	i !	20-Oct-00	ND	ND	ND	ND	ND	ND	(22)	0.19 J	ND	ND
	Duplicate	20-Oct-00	ND	ND	ND	ND	ND	ND	(20)	ND	ND	ND
		19-Apr-01	ND	ND	ND	ND	ND	ND	(19)	ND	ND	ND
		11-Oct-01	ND	ND	ND	ND	ND	ND	(23)	0.19 J	ND	ND
	j l	25-Apr-02	ND	ND	ND	ND	ND	ND	(24)	ND	ND	ND
		01-Oct-02	ND	ND	ND	ND	ND	ND	(25)	ND	ND	ND
		11-Apr-03	ND	ND	ND	ND	ND	NO	(22)	ND	ND	ND
		07-Oct-03	ND	ND	ND	ND	ND	ND	(23)	ND	ND	ND
		27-Apr-04	ND	ND	ND	ND	ND	ND	(21)	ND	ND	ND
	I	19-Oct-04	ND	ND	ND	ND	ND	ND	(24)	ND	ND	ND

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# Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 3 of 14

Sample Location	Management Area	Date Sampled	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (μg/L)	1,2-DCA (μg/L)	Total 1,2-DCE (μg/L)	PCE (μg/L)	TCE (μg/L)	Vinył Chłoride (μg/L)	MTBE (µg/L)
	MCL		5	1,000	700	10,000	5	70	5	5	2	NCL
BS5 P-4	BS5	06-Jun-97	ND	ND	ND	ND	ND	ND	(29)	ND	ND	NS
		04-Nov-98	ND	ND	ND	ND	ND	ND	(33)	0.34 J	ND	NS
	i .	19-Apr-99 08-Oct-99	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(20) (31)	ND ND	ND ND	NS NS
	Ouplicate	08-Oct-99	ND	ND	ND	ND	ND	ND	(30)	0.39 J	ND	NS
		26- <b>Apr-0</b> 0	ND	ND	ND	ND	ND	ND	(25)	ND	ND	NS
	}	20-Oct-00	0.35 J	0.33 J ND	ND	ND ND	ND	ND	(23)	ND ND	ND ND	ND
	Duplicate	20-Apr-01 20-Apr-01	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(17) (17)	ND	ND ND	ND ND
		10-Oct-01	ND	ND	ND	ND	ND	ND	(24)	0.22 J	ND	ND
	Duplicate	10-Oct-01	ND	ND	ND	ND	ND	ND	(26)	ND	ND	ND
	Duplicate	25-Apr-02 25-Apr-02	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(23) (23)	0.18 J 0.14 J	ND ND	ND ND
	Supcute	01-Oct-02	ND	ND	ND	ND	ND	ND	(24)	ND	ND	ND
	Duplicate	01-Oct-02	ND	ND	ND	ND	ND	ND	(23)	ND	ND	ND
	Duplicate	11-Apr-03	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(21) (21)	ND ND	ND ND	ND ND
	Duplicate	11-Apr-03 07-Oct-03	ND ND	ND	ND	ND	ND	ND	(16)	ND	ND	ND
		27-Apr-04	ND	ND	ND	ND	ND	ND	(19)	ND	ND	ND
	Duplicate	27-Apr-04	ND	ND	ND	ND	ND	ND	(20)	ND	ND	ND
		19-Oct-04	ND	ND	ND	ND	ND	ND	(25)	ND	ND	ND
NEA-MW27-31	OU2	30-Mar-93	ND	ND	ND	ND	ND	ND	(21)	ND	ND	NS
	(OU10)	25-Aug-93 07-Dec-93	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(22) (20)	ND ND	ND ND	NS NS
		27-Apr-98	ND	ND	ND	ND	ND	ND	(26)	0.17 J	ND	NS
		28-Oct-98	ND	ND	ND	ND	ND	ND	(18)	ND	ND	NS
		21-Apr-99 13-Oct-99	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(11) (17)	ND ND	ND ND	NS NS
		19-Apr-00	ND ND	ND	ND	ND	ND	0.27 J	(23)	0.30 J	ND	NS
		18-Oct-00	ND	0.21 J	ND	ND	ND	ND	(15)	ND	ND	ND
		16-Apr-01	ND	ND ND	ND	ND ND	ND	ND	(16)	ND 0.14 J	ND ND	ND
		12-Oct-01 17-Apr-02	ND ND	ND	ND ND	ND	ND ND	ND ND	(11) (12)	0.14 J 0.17 J	ND ND	ND ND
	)	16-Oct-02	ND	ND	ND	ND	ND	ND	(11)	ND	ND	ND
	1	15-Apr-03	ND	ND	ND	ND	ND	ND	(11)	ND	ND	ND
		06-Oct-03 19-Apr-04	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(7.5) (5.6)	ND ND	ND ND	ND ND
		12-Oct-04	ND	ND	ND	ND	ND	ND	(7.1)	ND	ND	ND
NEA-MW34-2S	OU2	15-Dec-92	ND	ND	ND	ND	ND	ND	ND	(15)	ND	NS
		26-Apr-93	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		23-Apr-98	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NS NS
		23-Oct-98 19-Apr-99	ND ND	ND	ND ND	ND	ND	ND	ND	ND	ND	NS NS
	İ	07-Oct-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
i	Duplicate	07-Oct-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	Duplicate	19-Apr-00 19-Apr-00	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NS NS
	- CPINOGIO	19-Oct-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		17-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		10-Oct-01 17-Apr-02	No access to No access to			_	-		-	-	-	-
	1	16-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		16-Apr-03	No access t			-		-	-			-
		02-Oct-03	ND	0 19 J	ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND
		15- <b>A</b> pr-04 08-Oct-04	ND ND	ND ND	ND ND	ND	ND	ND ND	ND	ND	ND	ND
ET 4 3 4 8 8 9 0 0 0	Our I					140	NC	ND	ND	ND	ND	
FTA2:MW02C	OU3	13-Jul-93 24-Jan-94	(60) 20	ND ND	2.0 2.0	14.0 20.0	ND ND	ND ND	ND ND	ND ND	ND ND	NS NS
	ł	23-Apr-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		28-Oct-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	Duplicate	22-Apr-99 22-Apr-99	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND MD	NS NS
i	Sup-loate	07-Oct-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		25-Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	l	20-Oct-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	İ	18-Apr-01 11-Oct-01	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
		11-001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	ļ .	23-Apr-02	ND	110								
		01-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		01-Oct-02 21-Apr-03	DN DN	ND ND	ND ND	ND ND	ND ON	ND	ND	ND	DN DN	ND ND
		01-Oct-02	ND	ND	ND	ND	ND				ND	ND

# Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 4 of 14

	Location	Management Area	Date Sampled	Benzene (µg/L)	Toluene (μg/L)	benzene (μg/L)	Xylenes (μg/L)	1,2-DCA (μg/L)	1,2-DCE (μg/L)	PCE (µg/L)	TCE (μg/L)	Vinyl Chloride (µg/L)	MTBE (μg/L)
<u>_</u>		MCL		5	1,000	700	10,000	5	70	5	5	2	NCL
	LF12:MW15A	OU3	06-Jul-93	ND	ND	ND	ND	ND	ND	ND	(12.11)	ND	NS
1			10-Jan-94	ND	ND	ND	ND	ND	ND	ND	1.0	ND	NS
ı			21-Oct-98	ND	ND	ND	ND	ND	0.57 J	ND	1.8	ND	NS
1			21-Apr-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		Dualianta	07-Oct-99	ND ND	ND ND	ND ND	ND ND	ND ND	0.57 ND	ND ND	2.5 2.5	ND ND	NS NS
		Duplicate	13-Oct-99 20-Apr-00	ND ND	ND	ND ND	ND	ND	ND	ND	2.7	ND	NS
			18-Oct-00	ND ND	0.21 J	ND	ND	ND	0.45 J	ND	2.2	ND	ND
			16-Apr-01	ND	ND	ND	ND	ND	0.41 J	ND	2.4	ND	ND
			16-Oct-01	ND	0.18 J	ND	ND	ND	0.65	ND	2.8	ND	ND
1			17-Apr-02	ND	ND	ND	ND	ND	0.49 J	ND	2.2	ND	ND
i		D1:	01-Oct-02	ND	ND	ND	ND	ND	0.48 J	ND	25	ND	ND
1		Duplicate	16-Oct-02 14-Apr-03	ND Wall boad d	ND	ND nable to sample	ND	ND 	0.49 J 	ND 	2.3	ND 	ND 
			03-Oct-03			nable to sample			_	_	_	_	_
			19-Apr-04	Well Aband		-			-		-		-
	07-520- <b>M</b>	OU3	01-Jul-93	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
1			01-Jun-94 21-Oct-98	ND ND	ND ND	ND ND	ND ND	ND ND	0.3 J 0 21 J	ND ND	ND ND	ND ND	NS NS
1			21-Oct-98 20-Apr-99	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	NS NS
1		Duplicate	20-Apr-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
1			07-Oct-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
i			20-Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
			18-Oct-00	ND	0.21 J	ND	ND	ND	0.21 J	ND	ND	ND	ND
1			23-Apr-01 10-Oct-01	ND ND	ND 0.41 J	ND ND	ND ND	ND ND	0.37 J 0.43 J	ND ND	ND ND	ND ND	ND ND
1			23-Apr-02	ND	ND	ND	ND	ND	0.46 J	ND	ND	ND	ND
ł			01-Oct-02	ND	ND	ND	ND	ND	0.38 J	ND	ND	ND	ND
			14-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			15-Oct-03	ND.	ND	ND	ND	ND	0.25 J	ND	ND	ND	ND
			26-Apr-04 08-Oct-04	0.20 J ND	0.30 J ND	ND ND	ND ND	ND ND	0 29 J 0 25 J	ND ND	ND ND	ND ND	ND ND
	05-DM-123S-M	OU3	13-Jul-93	ND	ND	ND	ND	ND	ND	ND	2.0	ND	NS
			11-Jan-94	ND	ND	ND	ND	ND	ND	ND	2 0	ND	NS
ĺ	ĺ		14-Apr-94	ND ND	ND	ND	ND DN	ND ND	ND ND	ND ND	20 20	ND ND	NS NS
			31-Aug-94 21-Oct-98	ND ND	ND ND	ND ND	ND	ND	0.85 J	ND	2.2	ND	NS NS
	i		20-Apr-99	ND	ND	ND	ND	ND	0.42 J	ND	1.3	ND	NS
1			07-Oct-99	ND	ND	ND	ND	ND	0.85	ND	2.2	ND	NS
1			20-Apr-00	ND	ND	ND	ND	ND	1.2	ND	1.8	ND	NS
ŀ		Dunkanta	23-Oct-00	ND ND	ND ND	ND ND	ND ND	ND ND	0.68 0.68	ND ND	2.5 2.6	ND ND	ND ND
Į		Duplicate	23-Oct-00 16-Apr-01	ND	ND	ND	ND	ND	0.92	ND	2.5	ND	ND
1			10-Oct-01	ND	ND	ND	ND	ND	0.60	ND	2.6	ND	ND
i			24-Apr-02	ND	ND	ND	ND	ND	0.68	ND	2.3	ND	ND
		1	01-Oct-02	ND	ND	ND ND	ND	ND	0.70	ND	2.4	ND	ND
		j	14-Apr-03 03-Oct-03	ND ND	ND 0.17 J	ND ND	ND ND	ND ND	0.42 J 0.67	ND ND	2.1 2.2	ND ND	ND ND
			19-Apr-04	ND	ND	ND	ND	ND	0.48 J	ND	1.6 J	ND	ND
		<b>.</b>	21-Oct-04	ND	ND	ND	ND	ND	0.64	ND	2.3	ND	ND
		Duplicate	21-Oct-04	ND	ND	ND	ND	ND	0.70	ND	25	ND	ND
'	05-DM-123I-M	OU3	26-Jul-93 11-Jan-94	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	2.0 2.0	ND ND	NS NS
1		1	11-Jan-94 14-Apr-94	ND ND	ND	ND ND	ND	ND	ND	ND	2.0	ND	NS NS
1			31-Aug-94	ND	ND	ND	ND	ND	ND	ND	2.2	ND	NS
Į		' <u> </u>	21-Oct-98	ND	ND	ND	ND	ND	0.48 J	ND	2 7	ND	NS
1		}	20-Apr-99	ND	ND	ND	ND	ND	ND	ND	1.0	ND	NS
l			07-Oct-99 20-Apr-00	ND ND	ND	ND ND	ND ND	ND ND	0.36 J 0.39 J	ND	26	ND ND	NS NS
1			20-Apr-00 23-Oct-00	ND ND	ND ND	ND ND	ND ND	ND ON	0.39 J 0.34 J	ND ND	2 9 2.5	ND	ND ND
		İ	10-Apr-01	ND	ND	ND	ND	ND	0.25 J	ND	1.9 J	ND	ND
			10-Oct-01	ND	ND	ND	ND	ND	0.38 J	ND	2.3	ND	ND
			24-Apr-02	ND	ND	ND	ND	ND	0.40 J	ND	3 1	ND	ND
1			01-Oct-02 15-Apr-03	ND ND	ND ND	ND ND	ND ND	ND ND	0.46 J 0.42 J	ND ND	3.3 2.6	ND ND	ND ND
			06-Oct-03	ND ND	ND	ND ND	ND ND	ND	0.42 J 0.44 J	ND	2.6	ND ND	ND
			19-Apr-04	ND	ND	ND	ND	ND	0.32 J	ND	18J	ND	ND
ı	i		12-Oct-04	ND	ND	ND	ND	ND	0.46 J	ND	2 7	ND	ND

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# Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 5 of 14

Sample Location	Management Area	Date Sampled	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	1,2-DCA (µg/L)	Total 1,2-DCE (μg/L)	PCE (μg/L)	TCE (µg/L)	Vinyl Chloride (µg/L)	MTBE (µg/L)
	MCL		5	1,000	700	10,000	5	70	5	5	2	NCL
05-DM-123D-M	OU3	22-Jul-93	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	}	11-Jan-94	ND	ND	ND	ND	ND	ИD	ND	ND	ND	NS
		14-Apr-94	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		31-Aug-94	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	Ì	21-Oct-98	ND	ND	ND	ND	ND	ND	ND	1.6	ND	NS
	ļ	20-Apr-99	ND	ND	ND	ND	ND	ND	ND	ND ND	ND ND	NS
	l	07-Oct-99 20-Apr-00	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	NS NS
	ì '	23-Oct-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		10-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1	10-Oct-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Duplicate	10-Oct-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		17-Apr-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Į i	01-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		14-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		03-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		19-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		21-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BMP-OU4-1B-60	OU4	21-Oct-98	ND	ND	ND	ND	ND	3.1	ND	4.5	0 5 J	NS
		16-Apr-99 05-Oct-99	ND	ND ND	ND ON	ND	ND	1.5 3.2	ND ND	1.8 3.2	ND 0.42 J	NS NS
		18-Apr-00	ND ND	ND	ND	ND ND	ND ND	2.8	ND	2.6	1.3	NS
	}	16-Oct-00	ND	0.22 J	ND	ND	ND	2.9	ND	2.5	0.34 J	ND
		09-Apr-01	ND	ND	ND	ND	ND	2.9	ND	2.3	0.49 J	ND
		15-Oct-01	ND	ND	ND	ND	ND	2.9	ND	2.9	0.41 J	ND
	1	16-Apr-02	ND	ND	ND	ND	ND	2.3	ND	2.6	ND	ND
	i i	30-Sep-02	ND	ND	ND	ND	ND	2.2	ND	3.2	ND	ND
		17-Apr-03	ND	ND	ND	ND	ND	1.6	ND	2.4	ND	ND
		01-Oct-03	0.21 J	ND	ND	ND	ND	1.4	ND	2.6	ND	ND
		16-Apr-04 08-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	1.2 1.4	ND ND	2.5 2.6	ND 0 35 J	ND ND
BMP-OU4-1C-84	OU4	20-Oct-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
DMP-004-10-64	004	16-Apr-99	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	l i	05-Oct-99	ND	ND	ND	ND	ND	0.27 J	ND	ND	ND	NS
		18-Apr-00	ND	ND	ND	ND	ND	0.21 J	ND	ND	ND	NS
		16-Oct-00	ND	0 22 J	ND	ND	ND	0 29 J	ND	ND	ND	ND
	\ \ \	09-Apr-01	ND	ND	ND	ND	ND	0.27 J	ND	ND	ND	ND
	1	15-Oct-01	ND	ND	ND	ND	ND	0.37 J	ND	ND	ND	ND
		16-Apr-02	ND	ND	ND	ND	ND	0.36 J	ND	ND	ND	ND
		30-Sep-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		17-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ŀ	01-Oct-03	0 20 J	ND	ND	ND	ND	0.31 J	ND	ND	ND	ND
	] ]	16-Apr-04 08-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	0.37 J 0.34 J	ND ND	ND ND	ND ND	ND ND
OU4-MW-02A	004	22-Jul-93	ND	ND	ND	ND	ND	ND	ND	2.0	ND	NS
004-11111-0224	004	26-Aug-93	ND	ND	ND	ND	ND	ND	ND	4.0	ND	NS
		15-Dec-93	ND	ND	ND	ND	ND	ND	ND	(5.0)	ND	NS
	1 1	23-Apr-98	ND	ND	ND	ND	ND	4.4	ND	0.56 J	ND	NS
	1	20-Oct-98	ND	ND	ND	ND	ND	7 1	ND	1.7	ND	NS
	1	19-Apr-99	ND	ND	ND	ND	ND	3.5	ND	0 36 J	ND	NS
		05-Oct-99	ND	ND	ND	ND	ND	9.7	ND	3.0	ND	NS
		17-Apr-00	ND	ND	ND	ND	ND	3.9	ND	0.40 J	ND	NS
	ļ <u>l</u>	23-Oct-00	ND	ND	ND	ND	ND	7.01 J	ND	2.8	ND	ND
	i 1	09-Apr-01	ND	ND	ND	ND	ND	6.2	ND	2.3	ND	ND
	[ ]	11-Oct-01	ND	ND	ND	ND	ND	6.0	ND	19J	ND	ND
		16-Apr-02	ND	ND	ND	ND	ND	1.8	ND	0.31 J	ND	ND
	ļ <b>l</b>	30-Sep-02	ND	ND	ND	ND	ND	2.7	ND	0.82 J	ND	ND
		17-Apr-03	ND ND	ND ND	ND	ND ND	ND	4.0 5.0	ND ND	ND 0.35 J	ND ND	ND
	l İ	01-Oct-03 26-Apr-04	ND ND	ND ND	ND ND	ND ND	ND ND	5 0 2.9	ND	0.35 J ND	ND	ND ND
	] ]	26-Apr-04 08-Oct-04	ND	ND	ND ND	ND ND	ND ND	2.9 6.4 J	ND ND	0.33 J	ND	ND
			i NU	ND	INU	INU	NU	U. <b>→</b> J	IIU	U.U.J	IND	

# Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 6 of 14

	·	····			Ēthyl-	Total		Total			Vînyl	<del></del>
Sample Location	Management Area	Date Sampled	Benzene (μg/L)	Toluene (μg/L)	benzene (μg/L)	Xylenes (μg/L)	1,2-DCA (μg/L)	1,2-DCE (μg/L)	PCE (μg/L)	TCE (μg/L)	Chloride (µg/L)	MTBE (μg/L)
	MCL		5	1,000	700	10,000	5	70	5	5	2	NCL
OU4-MW-02B	004	15-Dec-93	ND	ND	ND	ND	ND	ND	ND	(23)	ND	NS
		26-Aug-93	ND	ND	ND	ND	ND	ND	ND	(22)	ND	NS
1		23-Apr-98	ND	ND	ND	ND	ND	0.74 J	ND	(21)	ND	NS
1		20-Oct-98	ND	ND	ND	ND	ND	0.69	ND	(16)	ND	NS
		19-Apr-99	ND	ND	ND	ND	ND	ND	ND	(9.4)	ND	NS
1		07-Oct-99	ND ND	ND ND	ND ND	ND ND	ND ND	0. <b>98</b> 0.70	ND ND	(15)	ND ND	NS NS
		17-Apr-00 23-Oct-00	ND ND	ND	ND	ND ND	ND ND	0.74	ND	(16) (12)	ND	ND ND
		09-Apr-01	ND	ND	ND	ND	ND	0.84	ND	(12)	ND	ND
	1	11-Oct-01	ND	ND	ND	ND	ND	0.62	ND	(11)	ND	ND
1	i I	16-Apr-02	ND	ND	ND	ND	ND	0.25 J	ND	(11)	ND	ND
1		30-Sep-02	ND	ND	ND	ND	ND	0.43 J	ND	(10)	ND	ND
i	l i	17-Apr-03	ND	ND	ND	ND	ND	0.36 J	ND	(9.6)	ND	ND
	1	01-Oct-03	ND	ND	ND	ND	ND	0.36 J	ND	(8.7)	ND	ND
1		26-Apr-04 08-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	ND 0.30 J	ND ND	(8.2) (8.8)	ND ND	ND ND
	Duplicate	08-Oct-04 08-Oct-04	ND	ND	ND	ND	ND	0.30 J	ND	(9.3)	ND	ND
OU4-MW-03B	0U4	24-Aug-93	ND	ND	ND	ND	ND	ND	ND	(17)	ND	NS
		15-Dec-93	ND	ND	ND	ND	ND	ND	ND	(16)	ND	NS
		21-Apr-98	ND NO	ND	ND	ND	ND	0.61 J	ND	(12)	ND	NS NC
		20-Oct-98	ND ND	ND ND	ND ND	ND ND	ND ND	0.61 0.59	ND ND	(10) (9.5)	ND ND	NS NS
1	1	21-Apr-99 13-Oct-99	ND ND	ND	ND	ND	ND	0.95	ND	(9.5) (7.9)	ND	NS NS
1	1	17-Apr-00	ND	ND	ND	ND	ND	0.61	ND	(8.2)	ND	NS
	Duplicate	19-Apr-00	ND	ND	ND	ND	ND	0.70	ND	(8.6)	ND	NS
	,	18-Oct-00	ND	0.25 J	ND	ND	ND	1.1	ND	(7.3)	ND	ND
	1	16-Apr-01	ND	ND	ND	ND	ND	0.94	ND	(7.4)	ND	ND
l .	Į į	12-Oct-01	ND	ND	ND	ND	ND	0.90	ND	(6.9)	ND	ND
· F		17-Apr-02	ND	ND	ND	ND	ND	0.69	ND	(5.5)	ND	ND
	•	16-Oct-02 15-Apr-03	ND ND	ND ND	ND ND	ND ND	ND ND	0.40 J 0.45 J	ND ND	(5.2) (5.2)	ND ND	ND ND
	Į l	06-Oct-03	ND	ND	ND	ND	ND	0.40 J	ND	4.2	ND	ND
i	<b>,</b>	20-Apr-04	ND	ND	ND	ND	ND	0.36 J	ND	4.4	ND	ND
		12-Oct-04	ND	ND	ND	ND	ND	0.35 J	ND	4.4	ND	ND
OU4-MW-03C	OU4	24-Aug-93	ND	ND	ND	ND	ND	ND	ND	(22)	ND	NS
		14-Dec-93 21-Apr-98	ND ND	ND ND	ND ND	ND ND	ND ND	ND 0.96 J	ND ND	(24) (21)	ND ND	NS NS
		20-Oct-98	ND	ND	ND	ND	ND	1.0	ND	(15)	ND	NS
		19-Apr-99	ND	ND	ND	ND	ND	0.94	ND	(5.4)	ND	NS
		04-Oct-99	ND	ND	ND	ND	ND	1.3	ND	(8.6)	ND	NS
1		17-Apr-00	ND	ND	ND	ND	ND	1.2	ND	(7.9)	ND	NS
		19-Oct-00	ND	0.19 J	ND	ND	ND	1.2	ND	(8.5)	ND	ND
Į		09-Apr-01	ND	ND	ND	ND	ND	1.0	ND	(6.3)	ND	ND
İ		09-Oct-01 16-Apr-02	ND ND	ND ND	ND ND	ND ND	ND ND	1.1 1.3	ND ND	(7.1) (6.0)	ND ND	ND ND
	Duplicate	16-Apr-02	ND	ND	ND	ND	ND	1.3	ND	(5.6)	ND	ND
	,	30-Sep-02	ND	ND	ND	ND	ND	0.79	ND	4.9	ND	ND
Į.	į į	11-Apr-03	ND	ND	ND	ND	ND	0.92	ND	(5.5)	ND	ND
	Duplicate	11-Apr-03	ND	NĐ	ND	ND	ND	0.88	ND	4.8	ND	ND
1		01-Oct-03	ND	ND	ND	ND	ND	0.81	ND	4.5	ND	ND
	Duplicate	01-Oct-03	ND ND	ND ND	ND ND	ND ND	ND ND	0.83 0.80	ND ND	4.4	ND ND	ND ND
	Duplicate	26-Apr-04 26-Apr-04	ND	ND	ND	ND	ND	0.84	ND	4.4 4.6	ND	ND
	- Dapinousio	19-Oct-04	ND	ND	ND	ND	ND	0.77	0.20 J	4.2	ND	ND
OU4-MW-04A	004	22-Jul-93	ND	ND	ND	ND	ND	ND	ND	ND	0 <b>5 J</b>	NS
1		23-Aug-93	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
1		13-Dec-93	ND	ND	ND	ND	ND	ND	ND	ND	(2.0)	NS
		23-Apr-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS NS
	i	20-Oct-98 19-Apr-99	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NS NS
		04-Oct-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		18-Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
1	; I	23-Oct-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		11-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	]	09-Oct-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
OU4-MW-04B	004	23-Aug-93	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	]	13-Dec-93	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS NS
	1 I	16-Apr-02	ND ND	ND	ND ND	ND	ND	ND ND	ND	ND	ND	ND
		01-Oct-02 10-Apr-03	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	j	01-Oct-03	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND
	j	26-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	]	19-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

# Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 7 of 14

Sample Location	Management Area	Date Sampled	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	1,2-DCA (μg/L)	Total 1,2-DCE (µg/L)	PCE (μg/L)	ТС <b>Е</b> (µ <b>g</b> /L)	Vinyl Chloride (µg/L)	ΜΤΒ (μg/L
	MCL		5	1,000	700	10,000	5	70	5	5	2	NCL
OU4-MW-12B	OU4	26-Aug-93	ND	ND	ND	ND	ND	ND	ND	(12)	ND	NS
	1	15-Dec-93	ND	ND	ND	ND	ND	ND	ND	(14)	ND	NS
	1	23-Apr-98	ND	ND	ND	ND	ND	0.70 J	1 2	(11)	ND	NS
		20-Oct-98	ND	ND	ND	ND	ND	1.1	2.5	(9.0)	ND	NS
	i	19-Apr-99	ND	ND ND	ND	ND	ND	0.75	(5.0) 4.4	4.4	ND	NS NS
		06-Oct-99 17-Apr-00	ND ND	ND	ND ND	ND ND	ND ND	1.2 0.84	(5.4)	(9.4) (7.8)	ND ND	NS NS
		23-Oct-00	0.19 J	0.63 J	ND	ND	ND	0.81	(5.3)	(6.9)	ND	ND
		09-Apr-01	ND	ND	ND	ND	ND	0.86	(5.7)	(6.9)	ND	NC
	1	11-Oct-01	ND	ND	ND	ND	ND	0.87	(8.4)	(6.1)	ND	ND
	1	16-Apr-02	ND	ND	ND	ND	ND	0.61	(6.8)	(6.1)	ND	NE
		30-Sep-02	ND	ND	ND	ND	ND	0 58	(11)	(5.2)	ND	NE
		17-Apr-03	ND	ND	ND	ND	ND	0.41 J	(8.4)	(5.5)	ND	NC
		15-Oct-03	ND	ND	ND	ND	ND	0 56	(8.7)	(5.5)	ND	NE
	i	26-Apr-04	ND	ND	ND	ND	ND	0 56	(14)	4.3	ND	NE
		08-Oct-04	ND	ND	ND	ND	ND	0.60	(11)	4.5	ND	NE
CW04-060	OU5	01-Sep-90	ND	ND	ND	ND	ND	0.3	ND	ND	ND	NS
	1	01-Nov-91	ND	ND	ND	ND	ND	ND 10	ND	ND	ND	NS
	İ	01-Nov-92 01-Oct-93	ND ND	ND ND	ND ND	0.2 <b>ND</b>	0.4 ND	1.5	ND ND	ND ND	ND ND	NS NS
	į.	01-001-93 01-Apr-94	ND ND	10	ND	ND	ND	0.8	ND	0.3	ND	NS
	1	01-Dec-94	ND	ND	ND	ND	2.0	2.0	ND	ND	ND	NS
		01-Sep-95	ND	ND	ND	ND	ND	1.0	ND	ND	ND	NS
	ł	01-Dec-96	ND	ND	ND	ND	ND	1.6	ND	ND	ND	NS
		01-Sep-97	ND	ND	ND	ND	ND	1.3	ND	ND	ND	NS
		01-Jul-98	ND	ND	ND	ND	ND	0.66	ND	0.62	ND	NS
	1	14-Apr-00	ND	1.2	ND	ND	ND	1.4	ND	0.40 J	ND	NS
		02-Nov-00	ND	ND	ND	ND	0.29 J	0.89	ND	0.48 J	ND	NE
		10-Apr-01 16-Oct-01	ND ND	ND ND	ND ND	ND ND	ND 0.30 J	1.2 0 99	ND ND	ND 0.47 J	ND ND	NE NE
		25-Apr-02	ND ND	ND	ND	ND	0.30 J	1.2	ND	0.18 J	ND	NC
		16-Oct-02	ND	ND	ND	ND	ND	0.65	ND	ND	ND	NE
		14-Apr-03	ND	ND	ND	ND	0.29 J	0.75	ND	ND	ND	NE
	i l	06-Oct-03	ND	ND	ND	ND	0.27 J	0.73	ND	0.27 J	ND	NE
		19-Apr-04	ND	ND	ND	ND	ND	0.60	ND	ND	ND	NE
		12-Oct-04	ND	ND	ND	ND	ND	0.57	ND	ND	ND	NE
CW05-055	OU5	01-Sep-90	ND	0.3	ND	NĐ	ND	41	ND	(550)	1.0	NS
		01-Nov-91	0.7	ND	ND	0 2	ND	60	ND	(529)	ND	NS
		01-Nov-92	ND	ND	ND	ND	ND	15	ND	(19)	(3.0)	NS
		01-Oct-93	ND	ND	ND	ND	ND	1.7	ND	(8.4)	ND	NS
		01-Dec-94 01-Sep-95	ND ND	ND ND	ND ND	ND ND	ND ND	8.0 19.4	ND ND	3.0 1 81	(3.0) (10.6)	NS NS
	1	01-Dec-96	ND	ND	ND	ND	ND	8.9	ND	(5.0)	ND	NS
		01-Sep-97	ND	ND	ND	1.6	ND	7.4	ND	2.1	ND	NS
		23-Oct-98	ND	ND	ND	ND	ND	19.7	ND	(6.1)	ND	NS
		19-Apr-99	ND	ND	ND	ND	ND	7.6	ND	(5 4)	ND	NS
	1	05-Oct-99	ND	ND	ND	ND	ND	4.0	ND	3.3	ND	NS
	1	17-Apr-00	ND	ND	ND	ND	ND	3.0	ND	20	0.54	NS
		31-Oct-00	0.13 J	0.29 J	ND	ND	ND	5.0	ND	1.8 J	0.31 J	NE
	Duplicate	09-Apr-01 09-Apr-01	ND ND	ND ND	ND ND	ND ND	ND ND	21.54 21.54	ND ND	(13) (13)	1 9 (2.0)	NE NE
	Doblicate	11-Oct-01	ND ND	0.22 J	ND	ND	ND	4.4	ND	(7.6)	ND	NE
		24-Apr-02	ND	NĐ	ND	ND	ND	12 31 J	ND	(36)	ND	NE
	Duplicate	24-Apr-02	ND	ND	ND	ND	ND	12.34 J	ND	(35)	ND	NC
		14-Oct-02	ND	ND	ND	ND	ND	9.8	ND	(20)	ND	NC
	1	14-Apr-03	ND	ND	ND	ND	ND	7.1	ND	(14)	ND	NE
	Duplicate	14-Apr-03	ND	ND	ND	ND	ND	7.5	ND	(15)	ND	NE
		07-Oct-03	ND	ND	ND	ND	ND	1.4	ND	2.4	ND	NE
	Duplicate	07-Oct-03	ND	ND	ND	ND	ND	1.5	ND	2.3	ND	NE
	l Durbana	26-Apr-04	ND 0.31	0.28 J	ND	ND	ND	1.3	ND	0.33 J	ND ND	ND
	Duplicate	26-Apr-04	0.21 J	0 31 J	ND ND	ND	ND	1.2 3.5	ND	0.27 J	ND ND	ND
	Duplicate	14-Oct-04 14-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	3.5	ND ND	1.0 J 0 98 J	ND	ND ND
	Dupiicale	14-001-04	NU	NO	NU	NU	NO	3.4	ND	0 20 3	NU	ND
		1										

# Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 8 of 14

Sam Loca		Management Area	Date Sampled	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (μg/L)	1,2-DCA (μg/L)	Total 1,2-DCE (μg/L)	PCE (µg/L)	TCE (µg/L)	Vinyl Chloride (µg/L)	MTBE (μg/L)
ļ		MCL		5	1,000	700	10,000	5	70	5	5	2	NCL
CW05	<b>-</b> 085	OU5	01-Sep-90	ND	ND	ND	ND	ND	40	ND	(770)	0.5	NS
ſ			01 <b>-N</b> ov-91	ND	ND	ND	ND	ND	30.2	ND	(346)	ND	NS
1			01-Nov-92	ND	ND	ND	ND	ND	25	ND	(380)	ND	NS
1			01-Oct-93 01-Dec-94	ND ND	ND ND	ND ND	ND ND	ND ND	25.6 20	ND ND	(250) (250)	ND ND	NS NS
1			01-Dec-94	1.91 J	4.81 J	1.08 J	6.13	ND	22.54	ND	(132)	ND	NS
1			01-Dec-96	ND	ND	ND	ND	ND	29.8	ND	(150)	ND	NS
1			01-Sep-97	ND	ND	ND	ND	ND	20	ND	(130)	ND	NS
1			21-Oct-98	ND	0.71 J	ND	ND	ND	10	ND	(83)	ND	NS
]			21-Apr-99 04-Oct-99	ND ND	ND ND	ND ND	ND ND	ND ND	4.6 23.6	ND ND	(57) (150)	ND ND	NS NS
l			17-Apr-00	ND	ND	ND	ND	ND	12.2	ND	(110 D)	0.74	NS
			02-Nov-00	ND	ND	ND	ND	ND	6.6	ND	(73)	ND	ND
			10-Apr-01	ND	ND	-ND	ND	ND	7.67	ND	(67 D)	0.39 J	ND
			16-Oct-01	ND	ND	ND	ND	ND	7.33 JD	ND	(66 D)	0.47 JD	ND
			25-Apr-02	ND	ND	ND	ND ND	ND ND	5.7 D	ND ND	(62 D)	ND ND	ND ND
			16-Oct-02 14-Apr-03	ND ND	ND ND	ND ND	ND	ND	5.1 D 3.3 D	ND	(50 D) (44 D)	0.60 JD	ND
			06-Oc1-03	ND	ND	ND	ND	ND	3.2 D	ND	(39 D)	0.38 JD	ND
	J	ļ	19-Apr-04	ND	ND	ND	ND	ND	3.2 D	ND	(38 D)	ND	ND
			12-Oct-04	ND	ND	ND	ND	ND	4.3 D	ND	(43 D)	0.46 JD	ND
CW07	-055	OU5	01-Sep-90 01-Nov-91	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NS NS
			01-Mar-92	ND	ND	ND	ND	ND	ND	ND	1.0	ND	NS
			01-Apr-94	ND	5.0	ND	0.5	ND	ND	ND	ND	ND	NS
			01-Oct-93	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
			01-Dec-94	ND	ND	ND	ND	1.0	ND	ND	ND	ND	NS
			01-Sep-95 01-Dec-96	ND ND	ND ND	ND ND	ND ND	ND ND	ND NO	ND ND	ND ND	ND ND	NS NS
			01-Feb-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
			01-Apr-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
			01-Sep-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
			09-Apr-01	ND	ND ND	ND	ND ND	DN DN	ND ND	ND ND	ND ON	ND ND	ND ND
			11-Oct-01 24-Apr-02	ND ND	ND	ND ND	ND	ND	ND	ND	ND	ND	ND
			14-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			14-Apr-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	- 1		07-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			26-Apr-04 21-Oct-04	ND ND	0.27 J ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
CW10-	.055	OU5	01-Oct-93	ND	ND	ND	ND	ND	ND	ND	4 7	ND	NS
C7710	~~	003	01-5ct-93	ND	ND	ND	ND	ND	0.9	ND	(6.5)	ND	NS
			09-Apr-01	ND	ND	ND	ND	ND	ND	ND	1.0 J	ND	ND
			11-Oct-01	ND	ND	ND	ND	ND	ND	ND	3 7	ND	ND
			24-Apr-02	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	43 4.9	ND ND	ND ND
	1	1	14-Oct-02 14-Apr-03	ND ND	ND ND	ND ND	ND	ND ND	ND	ND	4.9	ND	ND
			13-Oct-03	ND	ND	ND	ND	ND	0.33 J	ND	(5.2)	ND	ND
	ŀ	-	21-Apr-04	ND	ND	ND	ND	ND	1.6	ND	3.7	ND	ND
			14-Oct-04	ND	ND	ND	ND	ND	3.2	ND	4.1	ND	ND
HD-	11	OU5	01-Sep-90	ND	ND	ND	ND	ND	21	ND	(600)	ND	NS
			01-Nov-91 01-Nov-92	ND ND	ND	ND ND	ND ND	ND ND	35.3 24	ND ND	(394) (310)	ND ND	NS NS
			01-Oct-93	ND ND	0.8	ND	0.4	ND	7.0	ND	(370)	ND	NS
			01-Dec-94	ND	ND	NED	ND	ND	35	ND	(180)	ND	NS
			01-Sep-95	ND	ND	ND	ND	ND	23	ND	(108)	ND	NS
			01-Dec-96	ND	ND	ND	ND	ND	26.3	ND	(39)	ND	NS
		l	01-Sep-97 28-Oct-98	ND ND	ND ND	ND ND	ND ND	ND ND	22.6 30.5 J	ND ND	(22.6) (51)	ND ND	NS NS
	į		22-Apr-99	ND	ND	ND	ND	ND	16.48	ND	(31)	ND	NS
			05-Oct-99	ND	ND	ND	ND	0.47 J	27	ND	(8.4)	ND	NS
		l	18- <b>Apr-</b> 00	ND	ND	ND	ND	ND	16 64	ND	(18)	0.77	NS
		l	02-Nov-00	ND	ND	ND	ND	0 20 J	29.63	ND	(22)	0.59 J	ND
	ł	ł	10-Apr-01 16-Oct-01	ND ND	ND ND	ND ND	ND ND	ND ND	16.54 24.60	ND ND	(7 0) (26)	ND 0.31 J	ND ND
		1	25-Apr-02	ND ND	ND	ND	ND	ND	21.47	ND	(31)	0.31 J	ND
		-	16-Oct-02	ND	ND	ND	ND	ND	19 D	ND	(31 D)	ND	ND
	ł	ł	14-Apr-03	ND	ND	ND	ND	ND	24.2	ND	(25)	0 89 J	ND
	l l		08-Oct-03	ND	ND	ND	ND	ND	32.8	ND	(17)	ND	ND
		1		ND	ND	MD	AID.	ND	27.5	ND	(7.4)		
		l	21-Apr-04 14-Oct-04	ND	ND	ND ND	ND ND	ND	21.1 D	ND	(8.5 D)	0 42 J 0.43 JD	ND ND

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# Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 9 of 14

HD-12M  OUS  O1-Sep-90  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	nyl oride MTBE g/L) (μg/L)
01-Nov-91	2 NCL
01-Nov-92	D NS
01-Oct-93	D NS
01-Dec-94 ND ND ND ND ND ND ND ND 3.0 ND ND ND ND ND 3.0 ND ND ND ND ND ND ND ND ND ND ND ND ND	D NS
01-Sep-95	D NS
01-Dec-96 ND ND ND ND ND ND ND 1.5 ND 01-Sep-97 ND ND ND ND ND ND ND ND 15 J ND ND ND ND ND ND ND ND ND ND ND ND ND	D NS
01-Sep-97   ND ND ND ND ND ND ND 15 J ND ND ND ND ND ND ND ND ND ND ND ND ND	
28-Oct-98	
22-Apr-99	D NS
05-Oct-99	D NS
01-Nov-00	D NS
10-Apr-01	D NS
18-Oct-01	D ND
24-Apr-02	
15-Oct-02	
14-Apr-03	
08-Oct-03	D ND
14-Oct-04   ND ND ND ND ND ND ND 0.50 J N   HD-125   OU5 01-Oct-93 ND ND ND ND ND ND ND (71) 1.0 N   01-Sep-95 ND ND ND ND ND ND (69.5) 1.16 N	D ND
HD-12S OU5 01-Oct-93 ND ND ND ND ND ND (71) 1.0 ND ND ND ND ND ND ND ND ND ND ND ND ND	D ND
01-Sep-95 ND ND ND ND ND ND (69.5) 1.16 N	D ND
	D NS D NS
01-Dec-96 ND ND ND ND ND ND (44) 1.1 N	D NS
	D NS
28-Oct-98 DRY DRY DRY DRY DRY DRY DRY DRY DRY	RY DRY
22-Apr-99 DRY DRY DRY DRY DRY DRY DRY DRY	
	D NS
	D NS D ND
01-Nov-00 ND ND ND ND ND ND (15) 1.6 J N 10-Apr-01 ND ND ND ND ND ND 2.1 0.74 J N	
18-Oct-01 ND ND ND ND ND (6.8) 18-J N	
24-Apr-02 ND ND ND ND ND ND ND (6.9) 1.3 J	
	D ND
	RY DRY
08-Oct-03 ND ND ND ND ND ND (5.6) 0.22 J N	
	D ND D ND
HD-13S	D NS
	D NS
	D NS
	.0) NS
1 I	D NS
	D NS
01-Dec-96 ND ND 0.6 ND ND ND 1.1 N 01-Sep-97 ND ND ND ND 11 ND ND N	
26-Oct-98 ND ND ND ND ND 17:30 J ND 0.28 J 1	
22-Apr-99 ND ND ND ND 7.4 ND ND N	
05-Oct-99 ND 0.28 J ND ND 0.32 J 13 ND 0.29 J N	
17-Apr-00 ND ND ND ND ND 4.8 ND ND 1	5 NS
	5) ND
	9 ND
	.6) ND .4 ND
	.4 ND .2 ND
	.7 ND
	4) ND
	.0 ND
14-Oct-04 0 49 J ND ND ND ND 6.8 ND ND 1	0 ND
MAD-MON127 (HD13D) OU5 17-Apr-00 ND ND ND ND 2.8 30.92 ND ND N 01-Nov-00 ND ND ND ND 3.4 26.90 ND ND 0.4	D NS 7J ND
	D ND
18-Oct-01 ND ND ND ND 2.9 28.93 ND ND 0.3	
Duplicate 18-Oct-01 ND ND ND ND 2.9 29 96 ND ND 03	
24-Apr-02 ND ND ND ND 24.79 ND ND 05	
15-Oct-02 ND ND ND 1.5 20.73 ND ND 0.3	
	D ND
14-Apr-03 ND ND ND 1.4 19.74 ND ND 0.3	
08-Oct-03 ND ND ND 14 21.76 ND ND N 21-Apr-04 ND ND ND ND 0.92 J 16,61 ND ND 0.4	D ND
17 55 55 15 15 15 15 15 15 15 15 15 15 15	4J ND 7J ND

# Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 10 of 14

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Sample Location	Management Area	Date Sampled	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	1,2-DCA (μg/L)	Total 1,2-DCE (μg/L)	PCE (µg/L)	TCE (μg/L)	Vinyl Chloride (µg/L)	MTBE (μg/L)
	MCL		5	1,000	700	10,000	5	70	5	5	. 2	NCL
HSA-4A (MW131M)	005	01-Nov-92	ND	ND	ND	ND	ND	3.0	ND	(260)	ND	NS
		01-Oct-93	ND	ND	ND	ND	ND	23	ND	(250)	ND	NS
		01-Dec-94	ND	ND	ND	ND	ND	(74)	ND	(35)	1.0	NS
		01-Sep-95	ND	ND	ND	ND	ND	49.2	ND	(39.1)	ND	NS
		01-Dec-96	ND	ND	ND	ND	ND	36	ND	(27)	(5.5)	NS
		01-Sep-97	ND	ND	ND	ND	ND	19	ND	(41)	(3.7)	NS
		26-Oct-98	ND	ND	ND	ND	ND	50.4 J	ND	1.20	(4.2)	NS
		21-Apr-99	ND	ND	ND	ND	ND	28.32	ND	0.84	(22)	NS
		04-Oct-99	ND	ND	ND	ND	ND	9.5	ND	0.80	(21)	NS
	1	17-Apr-00	ND	ND	ND	ND	ND	11	ND	(22)	(3.4)	NS
	j .	02-Nov-00	ND	ND	ND	ND	ND	21.24 J	ND	0.24 J	(18)	ND
	Duplicate	02-Nov-00	ND	ND	ND	ND	ND	22.22 J	ND	0.21 J	(18)	ND
		10-Apr-01	ND	ND	ND	ND	ND	6.7	ND	ND	(12)	ND
		16-Oct-01	ND	_ ND	ND	ND	ND	6.1	ND	0.28 J	(9.0)	ND
		25-Apr-02	ND	- ND	ND	ND	ND	2.3	ND	0.20 J	(2.9)	ND
		16-Oct-02	ND	ND	ND	ND	ND	3.0	ND	ND	(11)	ND
		14-Apr-03	ND	ND	ND	ND	ND	0.56	ND	ND	(6.4)	ND
		08-Oct-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1	21-Apr-04	ND	ND	ND	ND	ND	1.4	ND	ND	(5.8)	ND
		14-Oct-04	ND	ND	ND	ND	ND	2.2	ND	ND	(11)	ND
HSA-4B (MW131S)	OU5	01-Nov-92	ND	ND	ND	ND	ND	ND	(10)	(26)	ND	NS
		01-Oct-93	ND	ND	ND	ND	ND	ND	(6.7)	(14.5)	ND	NS
		01-Dec-94	ND	ND	ND	ND	ND	ND	(8.0)	4.0	ND	NS
		01-Sep-95	ND	ND	ND	ND	ND	ND	4.16	4.71	ND	NS
	1	01-Dec-96	ND	ND	ND	ND	ND	1.2	1.8	1.8	ND	NS
	1	01-Sep-97	ND	ND	ND	ND	ND	0.8	15	(31)	ND	NS
		26-Oct-98	ND	ND	ND	ND	ND	2.0	1.5	3 1	ND	NS
		21-Apr-99	ND	ND	ND	ND	ND	1.7	0.44 J	2.1	ND	NS
		05-Oct-99	ND	ND	ND	ND	ND	2.4	18	2 1	ND	NS
	ŀ	17-Apr-00	ND	ND	ND	ND	ND	0.36 J	3.7	13	ND	NS
		01-Nov-00	ND	ND	ND	ND	ND	2.6	1.4	1.3 J	ND	ND
		10-Apr-01	ND	ND	ND	ND	ND	2.3	1.8	1.0 J	ND	ND
		18-Oct-01	ND	ND	ND	ND	ND	2.4	1.9	16J	ND	ND
		24-Apr-02	ND	ND	ND	ND	ND	0.35 J	2.1	0.38 J	ND	ND
		15-Oct-02	ND	ND	ND	ND	ND	2.5	10	0.66 J	ND	ND
		14-Apr-03	ND	ND	ND	ND	ND	3.2	0.64 J	0.86 J	ND	ND
		08-Oct-03	ND	ND	ND	ND	ND	0.92	0.57 J	0.38 J	ND	ND ND
	1	21-Apr-04 14-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	1.1 0.89	0.53 J 0.49 J	0.28 J 0.28 J	ND ND	ND ND
HSA-5 (MW132S)	OU5	01-Nov-92	ND	ND	ND	ND	ND	ND	(14)	(31)	ND	NS
11011 5 (11111 1325)	000	01-Oct-93	ND	ND	ND	ND	ND	ND	(12.1)	(20.6)	ND	NS
		01-Dec-94	ND ND	ND	ND	ND	ND	ND	(9.0)	(35)	ND	NS
		01-Sep-95	ND	ND	ND	ND	ND	ND	(8.68)	(34.5)	ND	NS
		01-Dec-96	ND	ND	ND	ND	ND	ND	(5.7)	(28)	ND	NS
		01-Sep-97	ND	ND	ND	ND	ND	ND	(6.5)	(33)	ND	NS
		26-Oct-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	Duplicate	26-Oct-98	ND	ND	ND	ND	ND	0.55	(73)	(33)	ND	NS
		22-Apr-99	ND	ND	ND	ND	ND	0.55	(7.7)	(31)	ND	NS
		05-Oct-99	ND	ND	ND	ND	ND	1.2	(7.1)	(40)	ND	NS
	Duplicate	05-Oct-99	ND	ND	ND	ND	0.26 J	0.99	(6.4)	(35)	ND	NS
	i .	18-Apr-00	ND	ND	ND	ND	ND	1.3	(60)	(36 D)	ND	NS
	Duplicate	18-Apr-00	ND	ND	ND	ND	ND	1.1 D	4.9 D	(37 D)	ND	NS
	'	02-Nov-00	ND	ND	ND	ND	ND	1.9	4.1	(30)	ND	ND
		10-Apr-01	ND	ND	ND	ND	ND	4.0	4.0	(31)	ND	ND
	Duplicate	10-Apr-01	ND	ND	ND	ND	ND	3.8	4.1	(31)	ND	ND
	,	16-Oct-01	ND	ND	ND	ND	ND	1.55 J	4.2	(36)	ND	ND
		24-Apr-02	ND	ND	ND	ND	ND	7.1	3.3	(22)	ND	ND
	Duplicate	24-Apr-02	ND	ND	ND	ND	ND	8.0	3.4	(24)	ND	ND
	D apricate	16-Oct-02	ND	ND	ND	ND	ND	1.8	3.5	(25)	ND	ND
		14-Apr-03	ND	ND	ND	ND	ND	0.54	(5.0)	(22)	ND	ND
	ļ .	08-Oct-03	ND ND	ND	ND	ND	ND	0.46 J	41		ND	ND
		21-Apr-04								(23)	ND	ND
	<u> </u>	14-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	4.5 5.5	22	(23)	ND ND	ND
	1	14-001-04	ND	ND	ND	ND	ND	5.5	2.0	(25)	NU	NU

#### Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 11 of 14

Sample Location	Management Area	Date Sampled	Benzene (µg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (μg/L)	1,2-DCA (μg/L)	Total 1,2-DCE (μg/L)	PCE (μg/L)	TCE	Vinyl Chloride (µg/L)	MTB (μg/L
	MCL		5	1,000	700	10,000	5	70_	5	5	2	NCL
CW03-77	0U8	19-Aug-93	ND	ND	ND	ND	ND	ND	ND	2.0	ND	NS
	ľ	29-Oct-93	ND	ND	ND	ND	ND	1.0	ND	(8.0)	ND	NS
	<b>\</b>	06-Apr-94	ND	ND	ND	ND	ND	1.0	ND	(9.0)	ND	NS
		25-Aug-94	ND	ND	ND	ND	ND	ND	ND	(7.4)	ND	NS
		21-Oct-98	ND	0.21 J	ND	ND	ND	0.28 J	1.1	3.7	ND	NS
	1	21-Apr-99	ND	ND	ND	ND	ND	ND	0.95	1.2	ND	NS
		13-Oct-99	ND	ND	ND	ND	ND	ND	0.95	1.7	ND	NS
	İ	25-Apr-00	ND	ND	ND	ND	ND	ND	1.1	2.4	ND	NS
		18-Oct-00	ND	0.21 J	ND	ND	ND	0.32 J	1.1	2.1	ND	ND
	1	16-Apr-01	ND	ND	ND	ND	ND	ND	1.1	2.4	ND	ND
		12-Oct-01	ND	ND	ND	ND	ND	ND	1.1	1.5 J	ND	ND
		17-Apr-02	ND	ND	ND	ND	ND	ND	0.85 J	1.5 J	ND	ND
	i i	16-Oct-02	ND	ND	ND	ND	ND	ND	0.76 J	0.83 J	ND	ND
	i	15-Apr-03	ND	ND	ND	ND	ND	ND	0.89 J	1.4 J	ND	ND
		06-Oct-03	ND	ND	ND	ND	ND	ND	0.58 J	0.70 J	ND	ND
	1	19-Apr-04	ND	ND	ND	ND	ND	ND	0.59 J	0.56 J	ND	ND
		12-Oct-04	ND	ND	ND	ND	ND	ND	0.71 J	0.98 J	ND	ND
CHP4-MW01	OU10	05-Dec-95	ND	ND	ND	ND	ND	ND	(5.0)	(8.0)	ND	NS
	(CHP4)	22-Apr-98	ND	ND	ND	ND	ND	ND	4.7	4.5	ND	NS
	1 1	16-Oct-98	ND	ND	ND	ND	ND	ND	25	2.1	ND	NS
	1 1	15-Apr-99	ND	ND	ND	ND	ND	ND	1.9	1.4	ND	NS
		06-Oct-99	ND	ND	ND	ND	ND	ND	3.6	2.1	ND	NS
		18-Apr-00	ND	ND 0 20 1	ND	ND	ND	ND	2.1	0.65	ND	NS
		17-Oct-00	ND	0.29 J	ND	ND	ND	ND	2.3	1.1 J	ND	ND
		10-Apr-01	ND	ND	ND	ND	ND	ND	(11)	1.8 J	ND	ND
;		11-Oct-01	ND	ND 0.00	ND	ND	ND	ND	1.7	0.63 J	ND	ND
	1	19-Apr-02	ND	0.23 J	ND	ND	ND	ND	11	0.40 J	ND	ND
	1	15-Oct-02	ND	ND ND	ND	ND	ND	ND	11	ND	ND	ND
		21-Apr-03	ND		ND	ND	ND	ND	13	ND 0.20 I	ND	ND
	!	06-Oct-03	ND ND	ND ND	ND	ND ND	ND ND	ND ND	1.0 1.1	0 29 J	ND	ND ND
		13-Apr-04 19-Oct-04	ND	ND	ND ND	ND	ND	ND	1.3	0.27 J <b>N</b> D	ND ND	ND
23-578- <b>M</b>	OU10	01-Nov-93	ND	ND	ND	ND	ND	ND	2.0	(52)	ND	NS
	(CHP4)	14-Apr-94	ND	ND	ND	ND	ND	ND	1.0	(28)	ND	NS
	1 , ,	01-Sep-94	ND	ND	ND	ND	ND	ND	2.0	(43)	ND	NS
		29-Oct-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		20-Apr-99	ND	0.32 J	ND	ND	ND	ND	18	(14)	ND	NS
	Duplicate	20-Apr-99	ND	ND	ND	ND	ND	ND	1.3	(10)	ND	NS
	1 1	06-Oct-99	ND	ND	ИD	ND	ND	0.3 J	(7.5)	(39)	ND	NS
		18-Apr-00	ND	0.28 J	ND	ND	ND	ND	2.0	(11)	ND	NS
	1	17-Oct-00	ND	0.31 J	ND	ND	ND	ND	23	(14)	ND	ND
	1	10-Apr-01	ND	ND	ND	ND	ND	ND	3.8	(15)	ND	ND
	i i	11-Oct-01	ND	ND	ND	ND	ND	ND	1.1	(12)	ND	ND
		22-Apr-02	ND	ND	ND	ND	ND	ND	20	(11)	ND	ND
	{ !	04-Oct-02	ND	ND	ND	ND	ND	ND	1.2	(5.0)	ND	ND
	]	07-Apr-03	ND	ND	ND	ND	ND	ND	3.1	(5.6)	ND	ND
	1	06-Oct-03	ND	ND	ND	ND	ND	ND	2.5	3.6	ND	ND
	Duplicate	06-Oct-03	ND	ND	ND	ND	ND	ND	ND	3.4	ND	ND
		13-Apr-04 19-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	4.0 (5.1)	4.1 3.5	ND ND	ND ND
CR 330	0140											
GR-330	OU10	01-Sep-93 03-Nov-93	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(20)	ND	ND ND	NS NS
	(CHP4)	03-Nov-93 07-Apr-94		ND ND					(13)	ND		NS NS
		30-Apr-94	ND ND	ND	ND ND	ND ND	ND ND	ND	(22)	ND	ND ND	NS NS
		07-Dec-95	ND ND	ND	ND ND	ND ND	ND ND	ND ND	(37) (16)	<b>И</b> D ИD	ND ND	NS NS
	1 1	24-Apr-98	ND	ND	ND	ND	ND	ND	(43)	ND ND	ND	NS NS
	1	16-Oct-98	ND ND	ND	ND	ND	ND	ND	(30)	ND	ND	NS NS
	1	15-Apr-99	ND	ND	ND	ND	ND	ND	(35)	ND	ND	NS
	Duplicate	15-Apr-99	ND	ND	ND	ND	ND	ND	(31)	ND	ND	NS
	Supilicate	06-Oct-99	ND	ND	ND	ND	ND	ND	(12)	ND	ND	NS
		24-Apr-00	ND	ND	ND	ND	ND	ND	(11)	ND	ND	NS
		20-Oct-00	ND	ND	ND	ND	ND	ND	(12)	ND	ND	ND
	Į l	11-Apr-01	ND	ND	ND	ND	ND	ИD	(5.5)	ND	ND	ND
	1	11-Oct-01	ND	ND	ND	ND	ND	ND	(12)	ND	ND	ND
		23-Apr-02	ND	ND	ND	ND	ND	ND	(41 D)	ND	ND	ND
	] [	01-Oct-02	ND	ND	ND	ND	ND	ND	(72 D)	ND	ND	ND
	1	21-Apr-03	ND	ND	ND	ND	ND	ND	(69 D)	ND	ND	ND
	1 1		ND	ND	ND	ND	ND	ND	(56 D)	ND	ND	ND
		06-Oct-03 26-Apr-04	ND	0.42 JD	ND	ND	ND	ND	(70 D)	ND	ND	ND

# Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 12 of 14

Sample	Management	Date	Benzene	Toluene	Ethyl- benzene	Total Xylenes	1,2-DCA	Total 1,2-DCE	PCE	TCE	Vinyl Chloride	мтве
Location	Area	Sampled	(μ <b>g/L</b> )	(μ <b>g/L</b> )	(μ <b>g/L</b> )	(μ <b>g/L</b> )	(µg/L)	(μ <b>g/L</b> )	(μ <b>g/L</b> )	(μ <b>g/L)</b>	(μ <b>g/L)</b>	(μ <b>g/L</b> )
	MCL		5	1,000	700	10,000	5	70	5	5	2	NCL
GR-333	OU10	03-Apr-93	ND	ND	ND	ND	ND	ND	ND	(5.0)	ND	NS
		30-Aug-93	ND	ND	ND	ND	ND	ND	ND	(6.0)	ND	NS
	l	09-Dec-93 13-Apr-94	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(6 0) (6.0)	ND ND	NS NS
		22-Apr-98	ND ND	ND	ND	ND	ND	ND	0.58 J	(6.1)	ND	NS
Į.		27-Oct-98	ND	ND	ND	ND	ND	ND	0.68	4.9	ND	NS
]		27-Apr-99	ND	ND	ND	ND	ND	ND	0.79	4.0	ND	NS
•		06-Oct-99	ND	ND	ND	ND	ND	ND	0.56	3.4	ND	NS
	Duplicate	06-Oct-99	ND	ND	ND	ND	ND	ND	0.60	3.5	ND	NS
		25-Apr-00	ND	ND	ND	ND	ND	ND	0.75	3.5	ND	NS
ľ	Duplicate 1	25-Apr-00	ND	ND	ND	ND	ND	ND	0.67	3.7	ND	NS ND
	Duplicate	20-Oct-00 20-Oct-00	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	0.75 J 0.80 J	3.4 3.4	ND ND	ND ND
	Dupacate	18-Apr-01	ND	ND	ND	ND	ND	ND	0.74 J	3.3	ND	ND
1	Duplicate	18-Apr-01	ND	ND	ND	ND	ND	ND	0.71 J	3.2	ND	ND
1	1 '	11-Oct-01	ND	ND	ND	ND	ND	ND	0.80 J	2.8	ND	ND
		24-Apr-02	ND	ND	ND	ND	ND	ND	0.85 J	2.5	ND	ND
		07-Oct-02	ND	ND	ND	ND	ND	ND	0.84 J	2.0	ND	ND
		23-Apr-03	ND	ND	ND	ND	ND	ND	0.82 J	1.7 J	ND	ND
ì		13-Oct-03	ND	ND	ND	ND	ND	ND	0.71 J	1.2 J	ND ND	ND ND
		28-Apr-04 20-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	NÐ ND	0.62 J 0.76 J	0 91 J 1.1 J	ND	ND
		20-001-04	140	NU	ND	NU	ND	140	0.703	7.13	110	140
GR-334	OU10	03-Apr-93	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		13-Apr-94	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		30-Aug-94	ND	ND	ND	ND	ND	ND	ND	(7.0)	ND	NS
		22-Apr-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
1		28-Oct-98	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	NS NS
1	ł	22-Apr-99 06-Oct-99	ND ND	ND ND	ND	ND ND	ND	ND	ND	ND	ND	NS
Ĭ		25-Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
1		20-Oct-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
i		18-Apr-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
i		11-Oct-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1	1	24-Apr-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
i i	1	07-Oct-02 23-Apr-03	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
i	1	13-Oct-03	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ì		28-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
İ		20-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ИD
NEA-MW37-1D	OU10	27-Aug-93	(7.0)	11.0	2.0	10.0	ND	ND	ND	ND	ND	NS
l .	[	13-Dec-93	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
i	ŀ	23-Apr-98	ND	ND	NO	ND	ND	ND	ND	ND	ND	NS
	:	16-Oct-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
		14-Apr-99	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NS NS
		08-Oct-99 19-Apr-00	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	NS
		19-Oct-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.45 J
		18-Apr-01	ND	ND	NO	ND	ND	ND	ND	ND	ND	ND
	1 1	10-Oct-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57 J
		24-Apr-02	No access to			AUD.		-	L.		HD.	0.49 /
		02-Oct-02 16-Apr-03	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	0.48 J 0.64 J
		02-Oct-03	ND	0.21 J	ND ND	A ID	ND	ND	ND	ND	ND	0.58 J
		15-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.46 J
		08-Oct-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.58 J
OU10-MW03S	OU10	03-Oct-94	ND	ND	ND	ND	ND	ND	(11)	1.0	ND	NS
		06-Jan-95	ND	ND	ND	ND	ND	ND	(14)	1.0	ND	NS
		19-Apr-00	ND	ND	ND	ND	ND	ND	(8.6)	ND	ND	NS
		17-Oct-00	ND	0.24 J	ND	ND	ND	ND	(7.4)	ND	ND	ND
	j l	11-Apr-01	ND	ND	ND	ND	ND	ND	(7.9)	ND	ND	ND
1		15-Oct-01	ND	ND	ND	ND	ND	ND	(6.5)	ND ND	ND	ND ND
}		19-Apr-02 04-Oct-02	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(5.3) (5.5)	ND ND	ND ND	ND ND
		07-Apr-03	ND	ND	ND	ND	ND	ND	(6.6)	ND	ND	ND
1		07-Oct-03	ND	ND	ND	ND	ND	ND	(5.5)	ND	ND	ND
1		20-Apr-04	ND	ND	ND	ND	ND	ND	4.7	ND	ND	ND
1		14-Oct-04	ND	ND	ND	ND	ND	ND	(5.2)	ND	ND	ND
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#### Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 13 of 14

Sample Location	Management Area	Date Sampled	Benzene (μg/L)	Toluene (μg/L)	Ethyl- benzene (µg/L)	Total Xylenes (μg/L)	1,2-DCA (μg/L)	Total 1.2-DCE (μg/L)	PCE (µg/L)	TCE (µg/L)	Vinyl Chloride (µg/L)	MTBE (μg/L)
	MCL		5	1,000	700	10,000	5	70	5	5	2	NCL
OU10-MW-06S	OU10	06-Oct-94	ND	ND	ND	ND	ND	ND	ND	2.0	ND	NS
		13-Jan-95	ND	ND	ND	ND	ND	ND	ND	(10)	ND	NS
	Į.	24-Apr-98	ND	ND	ND	ND	ND	ND	ND	(13)	ND	NS
		23-Oct-98	ND	ND	ND	ND	ND	ND	ND	(14)	ИD	NS
	1	16-Apr-99	ND	ND	ND	ND	ND	ND	ND	(8.3)	ND	NS
	D E	06-Oct-99	ND	ND ND	ND	ND	ND	ND	ND	(11)	ND	NS
	Duplicate	06-Oct-99 21-Apr-00	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ON	(14) (7.2)	ND ND	NS NS
	Duplicate	21-Apr-00	ND	ND	ND	ND	ND	ND	ND	(7.7)	ND	NS
	Dopweate	17-Oct-00	ND	0.25 J	ND	ND	ND	ND	ND	(9.7)	ND	ND
	Duplicate	17-Oct-00	ND	0.21 J	0.23 J	ND	ND	ND	ND	(9.5)	ND	ND
	1 '	11-Apr-01	ND	ND	ND	ND	ND	ND	ND	(8.5)	ND	ND
	Duplicate	11-Apr-01	ND	ND	ND	ND	ND	ND	ND	(8.9)	ND	ND
		15-Oct-01	ND	ND	ND	ND	ND	ND	ND	(13)	ND	ND
	Duplicate	15-Oct-01	ND	ND	ND	ND	ND	ND	ND	(13)	ND	ND
		19-Apr-02	ND	ND	ND	ND	ND	ND	ND	(10)	ND	ND
	Duplicate	19-Apr-02	ND	ND	ND	ND	ND	ND	ND	(10)	ND	ND
	Duplicato	04-Oct-02 04-Oct-02	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(10)	ND ND	ND ND
	Duplicate	07-Apr-03	ND	ND	ND	ND	ND	ND	ND	(10) (11)	ND	ND
	Duplicate	07-Apr-03	ND	ND	ND	ND	ND	ND	ND	(10)	ND	ND
	Dapilicato	14-Oct-03	ND	ND	ND	ND	ND	ND	ND	(11)	ND	ND
	1	20-Apr-04	ND	ND	ND	ND	ND	ND	ND	(10)	ND	ND
	Duplicate	20-Apr-04	ND	ND	ND	ND	ND	ND	ND	(10)	ND	ND
		14-Oct-04	ND	ND	ND	ND	ND	ND	ND	(11)	ND	ND
OU10-MW-06D	OU10	06-Oct-94	ND	ND	ND	ND	ND	ND	(20)	ND	ND	NS
		13-Jan-95	ND	ND	ND	ND	ND	ND	(10)	ND	ND	NS
	1	20-Apr-98	ND	ND	ND	ND	ND	ND	2.6	ND	ND	NS
		23-Oct-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	į i	16-Apr-99	ND	ND	ND	ND	ND	ND	0.99	ND	ND	NS
		08-Oct-99	ND ND	0.8	ND	1.08 J	ND	ND	(88)	ND	ND	NS
		21-Apr-00 17-Oct-00	ND ND	0 20 J 0 <b>N</b> D	ND ND	ND ND	ND ND	ND ND	(6.5) (5.0)	ND ND	ND ND	NS ND
		11-Apr-01	ND	ND	ND	ND	ND	ND	2.6	ND	ND	ND
		15-Oct-01	ND	ND	ND	ND	ND	ND	(5.3)	ND	ND	ND
	1 1	19-Apr-02	ИD	NO	ND	ND	ИD	ND	21	ND	ND	ND
	1	04-Oct-02	ND	ND	ND	ND	ND	ND	0.69 J	ND	ND	ND
	1	07-Apr-03	ND	ND	ND	ND	ND	ND	30	ND	ND	ND
	İ	14-Oct-03	ND	ND	ND	ND	ND	ND	0.51 J	ND	ND	ND
	[ [	20-Apr-04 14-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	0.62 J 0.45 J	ND ND	ND ND	ND ND
	1		1									
OU10-MW-11S	OU10	05-Oct-94	ND	ND	ND	ND	ND	ND	(10)	ND	ND	NS
		10-Jan-95	ND	ND	ND	ND	ND	ND	(11)	ND	ND	NS
	1 1	27-Apr-98	ND	ND	ND	ND	ND	ND	(12)	ND .	ND	NS NS
	!!!	20-Oct-98 21-Apr-99	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(12) (8.4)	0.39 J ND	ND ND	NS
		13-Oct-99	ND ND	ND	ND	ND	ND	ND	(9.9)	0.39 J	ND	NS
		18-Apr-00	ND	ND	ND	ND	ND	ND	(12)	0.39 J	ND	NS
	I	18-Oct-00	0 10 J	0 21 J	ND	ND	ND	ND	(9.4)	0.24 J	ND	ND
		16-Apr-01	ND	ND	ND	ND	ND	ND	(9.7)	ND	ND	ND
	į į	12-Oct-01	ND	ND	ND	ND	ND	ND	(9.4)	0.25 J	ND	ND
		17-Apr-02	ND	ND	ND	ND	ND	ND	(8.3)	0.23 J	ND	ND
	1 1	16-Oct-02	ND	ND	ND	ND	ND	ND	(9 3)	ND	ND	ND
	[	15-Apr-03	ND	ND	ND	ND	ND	ND	(9.5)	ND	ND	ND
	į i	06-Oct-03	ND	ND	ND	ND	ND	ND	(9.5)	ND	ND	ND
		19-Apr-04 12-Oct-04	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(11) (13)	0.23 J ND	ND ND	ND ND
OU10-MW-11D	OU10	05-Oct-94	ND	ND	ND	ND	ND	ND	ND	(6.0)	ND	NS
	1 1	10-Jan-95	ND	ND	ND	ND	ND	ND	ND 0.66 I	(7.0)	ND	NS
	[ [	23-Apr-98 20-Oct-98	ND ND	ND ON	ND ND	ND ND	ND ND	ND ND	0.65 J 0.92	3.0 (10)	ND ND	NS NS
	1	16-Apr-99	ND	ND	ND	ND	ND	ND	0.92	(62)	ND	NS
		06-Oct-99	ND	ND	ND	ND	ND	ND	1.9	(92)	ND	NS
	1 1	18-Apr-00	ND	ND	ND	ND	ND	ND	1.2	3.4	ND	NS
	1	18-Oct-00	ND	0 21 J	ND	ND	ND	ND	0 70 J	2.4	ND	ND
		16-Apr-01	ND	ND	ND	ND	ND	ND	0.42 J	1.9 J	ND	ND
		12-Oct-01	ND	ND	ND	ND	ND	ND	16	(6.9)	ND	ND
		22- <b>A</b> pr-02	ND	ND	ND	ND	ND	ND	1.7	(9.6)	ND	ND
		04-Oct-02	ND	ND	ND	ND	ND	ND	1.6	(7.3)	ND	ND
	1 1	10-Apr-03	ND	ND	ND	ND	ND	ND	1.6	(8.6)	ND	ND
		06-Oct-03	ND	ND	ND	ND	ND	ND	1 7	(8.6)	ND	ND
	1	19-Apr-04 12-Oct-04	ND	ND	ND	ND	ND	ND	2.1	(8.1)	ND	ND ND
			ND	ND	ND	ND	ND	ND	2.3	(9.8)	ND	

#### WPAFB Final LTM Report: October 2004 Chapter 6 September 2, 2005

#### Table 6-2 Basewide LTM October 2004 and Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 14 of 14

-		<u> </u>	Ι		Ethyl-	Total		Total			Vinyl	
Sample	Management	Date	Benzene	Toluene	benzene	Xylenes	1,2-DCA	1,2-DCE	PCE	TCE	Chloride	MTBE
Location	Area	Sampled	(μ <b>g/L</b> )	(μ <b>g/L)</b>	(µg/L)	(μg/L)	(μ <b>g/L)</b>	(μ <b>g/L</b> )	(μ <b>g/L</b> )	(μg/L)	(µg/L)	(μ <b>g/L</b> )
	MCL		5	1,000	700	10,000	5	70	5	5	2	NCL
OU10-MW-19D	OU10	06-Oct-94	ND	ND	ND	ND	ND	ND	ND	(7.0)	ND	NS
	1	11-Jan-95	ND	ND	ND	ND	ND	ND	ND	(6.0)	ND	NS
	1	24-Apr-98	ND	ND	ND	ND	ND	ND	ND	(7.1)	ND	NS
		20-Oct-98	ND	ND	ND	ND	ND	ND	ND	(5.7)	ND	NS
		19-Apr-99	ND	ND	ND	ND	ND	ND	ND	3.4	ND	NS
	1	06-Oct-99	ND	ND	ND	ND	ND	ND	ND	(5.4)	ND	NS
		19-Apr-00 20-Oct-00	ND ND	ND ND	ND ND	ND NO	ND ND	ND ND	ND ND	(5.8)	ND ND	NS ND
		10-Apr-01	ND ND	ND	ND ND	ND	ND ND	ND	ND	(5.1) 4.6	ND	ND
		10-Apr-01	ND ND	ND	ND ND	ND	ND	ND	ND	4.8	ND	ND
	Duplicate	10-Oct-01	ND ND	ND	ND	ND	ND	ND	ND	4.7	ND	ND
	Duplicato	24-Apr-02	ND	ND	ND	ND	ND	ND	ND	4.6	ND	ND
	Duplicate	24-Apr-02	ND	ND	ND	ND	ND	ND	ND	4.8	ND	ND
		30-Sep-02	ND	ND	ND	ND	ND	ND	ND	4.3	ND	ND
	Duplicate	30-Sep-02	ND	ND	ND	ND	ND	ND	ND	4.1	ND	ND
	1 '	10-Apr-03	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND
		02-Oct-03	ND	0.22 J	NO	ND	ND	ND	0.16 J	3.3	ND	ND
		26-Apr-04	ND	ND	ND	ND	ND	ND	ND	3.3	ND	ND
		20-Oct-04	ND	ND	ND	ND	ND	ND	0.27 J	3.2	ND	ND
OU10-MW-21S	OU10	05-Oct-94	ND	ND	NO	ND	ND	ND	ND	(9.0)	ND	NS
		12-Jan-95	ND	ND	ND	ND	ND	ND	ND	(7.0)	ND	NS
		23-Apr-98	ND	ND	ND	ND	ND	ND	ND	(10)	ND	NS
		27-Oct-98	ND	ND	ND	ND	ND	ND	ND	(9.4)	ND	NS
		14-Apr-99	ND	ND	ND	ND	ND	ND	ND	(6.8)	ND	NS
		07-Oct-99	ND	ND	ND	ND	ND	ND	ND	(9.3)	ND	NS
		19-Apr-00	ND	ND	ND	ND	ND	ND	ND	(8.7)	ND	NS ND
		19-Oct-00	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	(8.4)	ND ND	ND
		18-Apr-01 10-Oct-01	ND ND	ND	ND ND	ND	ND	ND ND	ND ND	(6.3) (7.3)	ND	ND
		24-Apr-02	ND ND	ND	ND ND	ND	ND	ND	ND	(6.8)	ND	ND
	1 1	02-Oct-02	ND	ND	ND	ND	ND	ND	ND	(6.1)	ND	ND
	1	16-Apr-03	ND	ND	ND	ND	ND	ND	ND	(5.4)	ND	ND
	1	02-Oct-03	ND	0.22 J	ND	ND	ND	ND	ND	(5.5)	ND	ND
		15-Apr-04	ND	ND	ND	ND	ND	ND	ND	4.9	ND	ND
		08-Oct-04	ND	ND	ND	ND	ND	ND	ND	(5.4)	ND	ND
OU10-MW-25S	OU10	08-Oct-94	ND	ND	ND	ND	ND	ND	(19)	ND	ND	NS
	1	12-Jan-95	ND	ND	ND	ND	ND	ND	(22)	ND	ND	NS
	1 1	24-Apr-98	ND	ND	ND	ND	ND	ND	(19)	ND	ND	NS
		20-Oct-98	ND	ND	ND	ND	ND	ND	(18)	ND	ND	NS
		16-Apr-99	ND	ND	ND	ND	ND	ND	(11)	ND	ND	NS
		06-Oct-99	ND	ND	ND	ND	ND	ND	(16)	ND	ND	NS
		18-Apr-00	ND	ND 0.00	ND	ND	ND	ND	(22)	ND	ND	NS
		17-Oct-00	ND	0.26 J	NO	ND ND	ND ND	ND ND	(19)	ND	ND ND	ND ND
	]	12-Apr-01 15-Oct-01	ND ND	ND ND	ND ND	ND ND	ND ND	ND	(19) (18)	ND ND	ND ND	ND
		22-Apr-02	ND ND	ND	NĐ NĐ	ND	ND	ND	(17)	ND	ND	ND
	[	30-Sep-02	ND	ND	NO	ND	ND	ND	(13)	ND	ND	ND
	1 1	09-Apr-03	ND	ND	ND	ND	ND	ND	(11)	ND	ND	ND
		01-Oct-03	ND	ND	ND	ND	ND	ND	(8.9)	ND	ND	ND
	Duplicate	01-Oct-03	ND	ND	ND	ND	ND	ND	(7.3)	ND	ND	ND
		12-Apr-04	ND	ND	ND	ND	ND	ND	(9.8)	ND	ND	ND
		14-Oct-04	ND	ND	ND	ND	ND	ND	(5.9)	ND	ND	ND
	Duplicate	14-Oct-04	ND	ND	ND	ND	ND	ND	(6.1)	ND	ND	ND
HD-13S-AB	OU5	14-Oct-04	0.38 J	1.4	0.23 J	1.0	ND	ND	ND	ND	ND	ND
(ambient blank)	1											

1,2-DCA - 1,2-Dichloroethane 1,2-DCE - 1,2-Dichloroethene (Total) TCE - Trichloroethylene

PCE - Tetrachloroethylene MTBE - Methyl tert-butyl ether µg/L - Micrograms per liter

MCLs - Maximum Contaminant Levels.

NCL - No compliance level set

( ) - Concentration exceeds MCL.

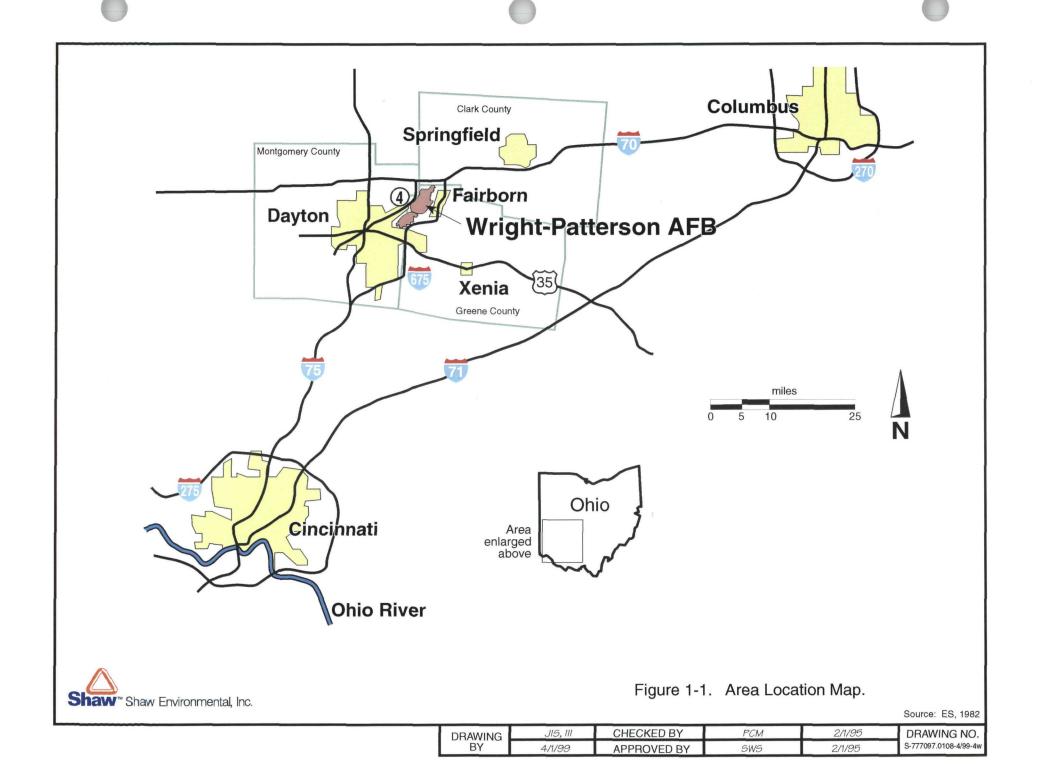
ND - Concentration is below detection limits. NS - Not Sampled

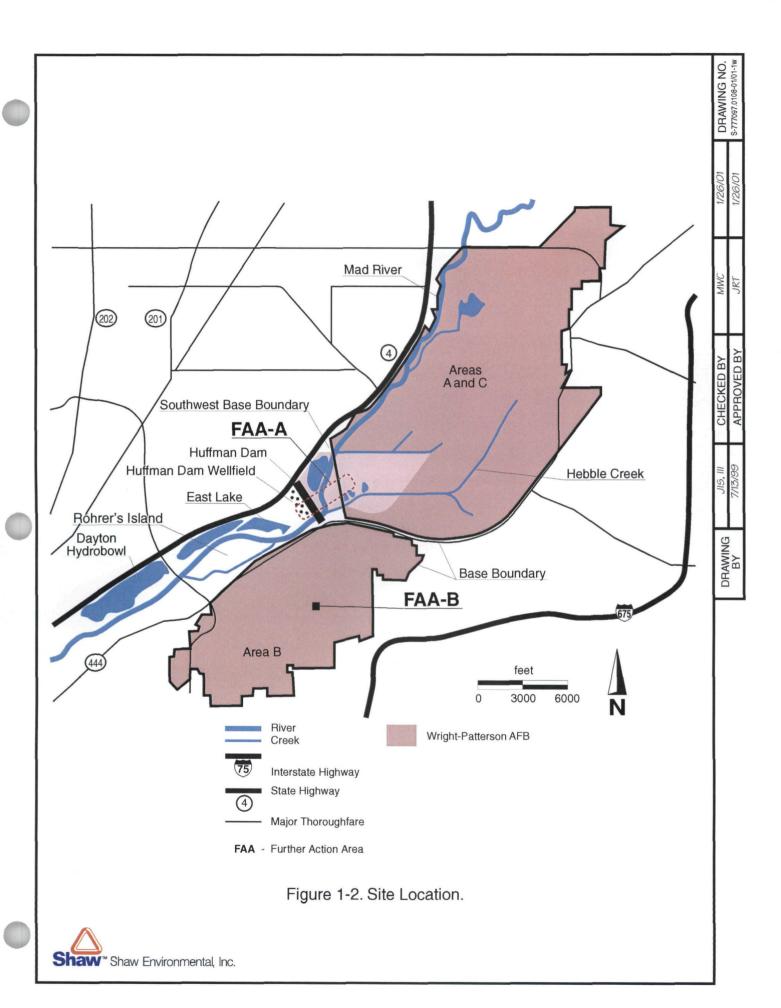
NR - Not reported

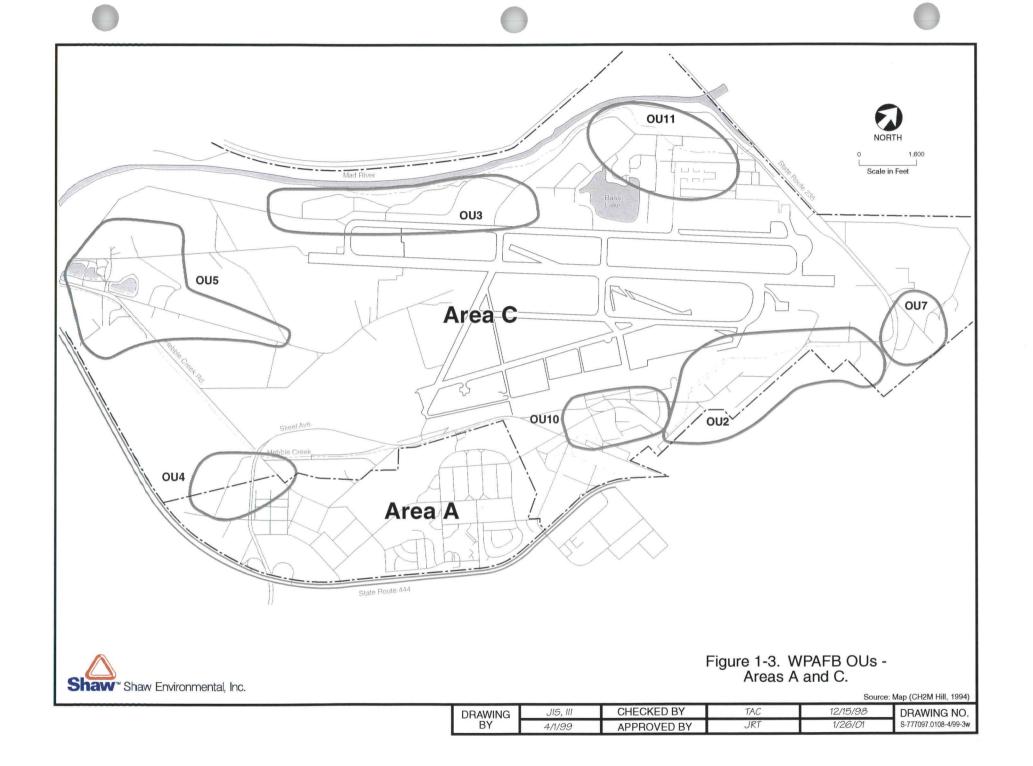
R - Surrogate recovery was outside stated control limits.

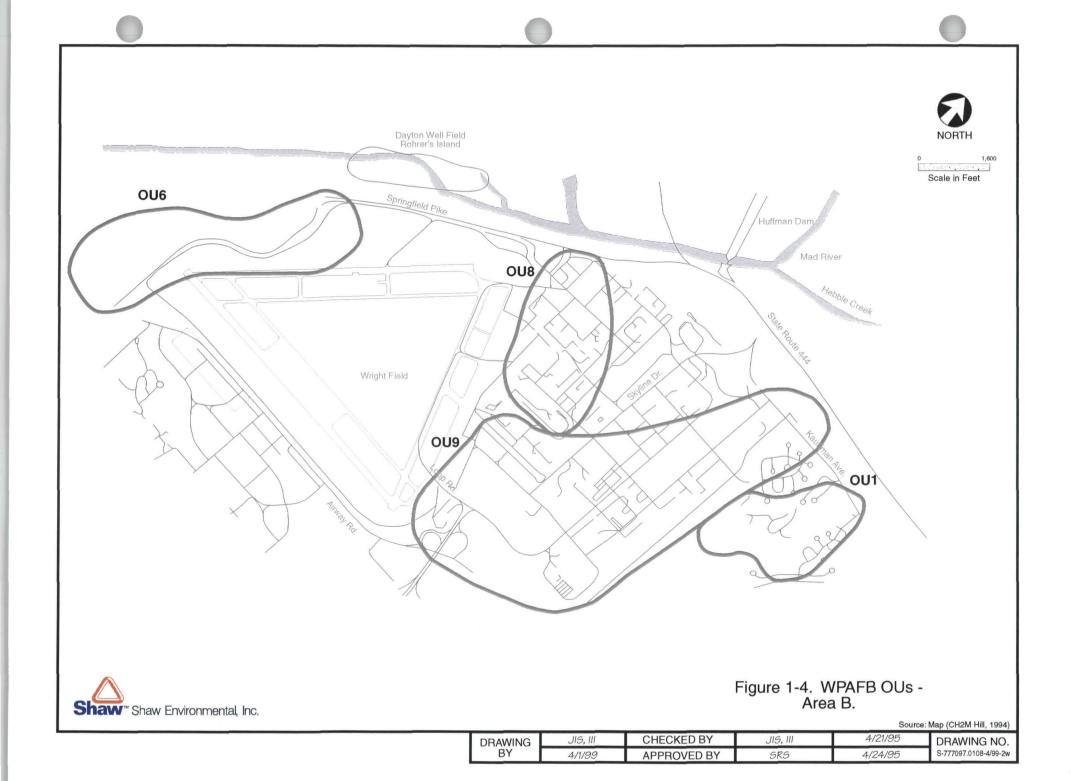
J - Estimated Result. Concentration less than reporting limit but above detection limit.

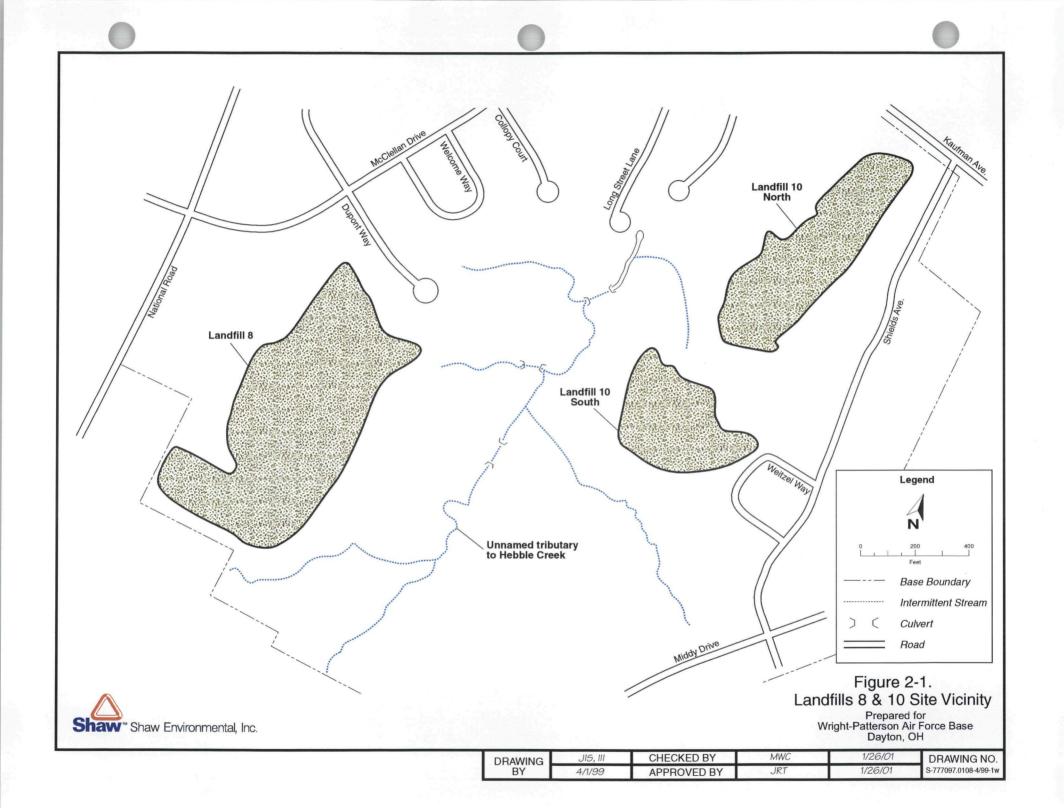
D - Result obtained from the analysis of a dilution



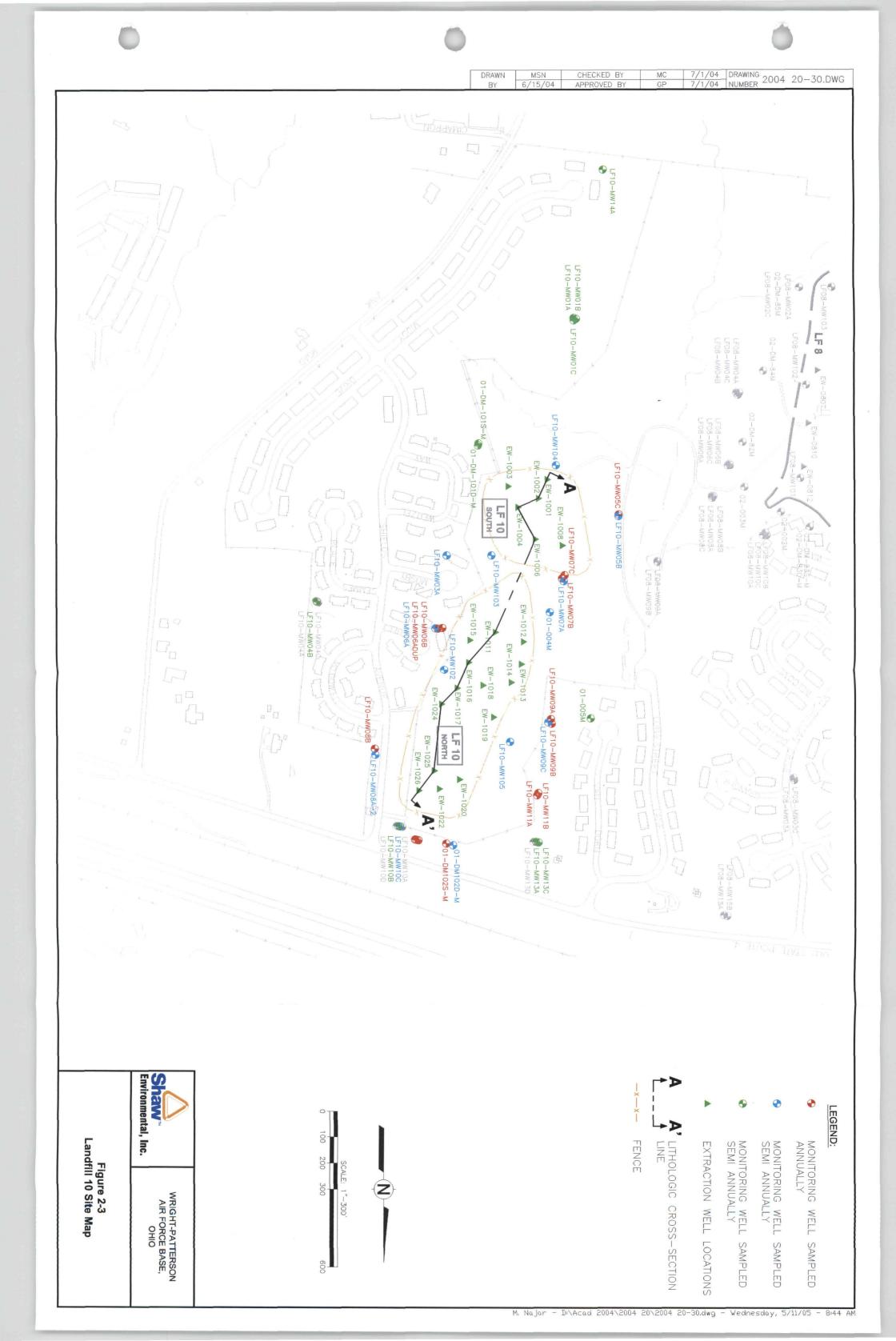




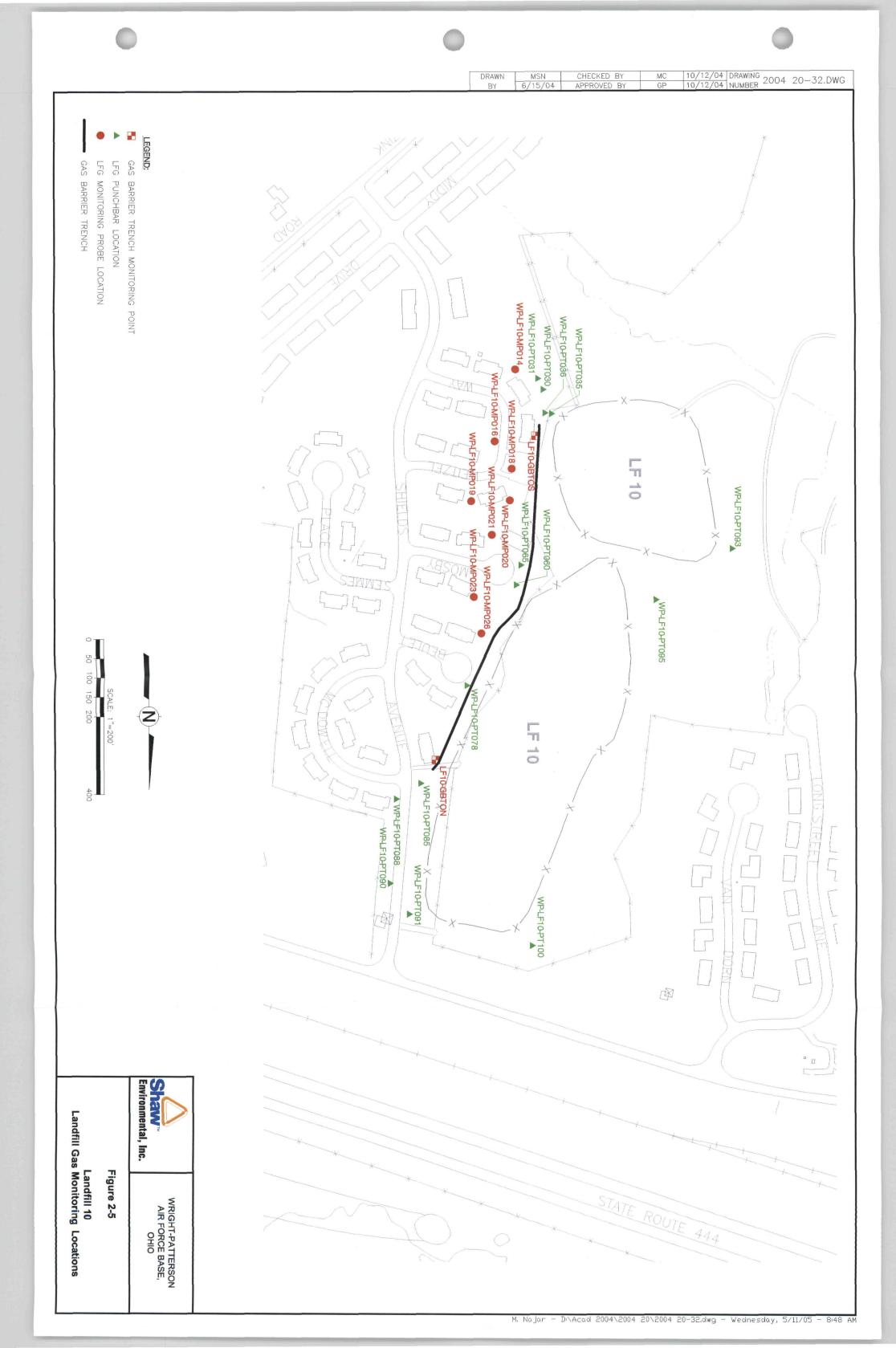


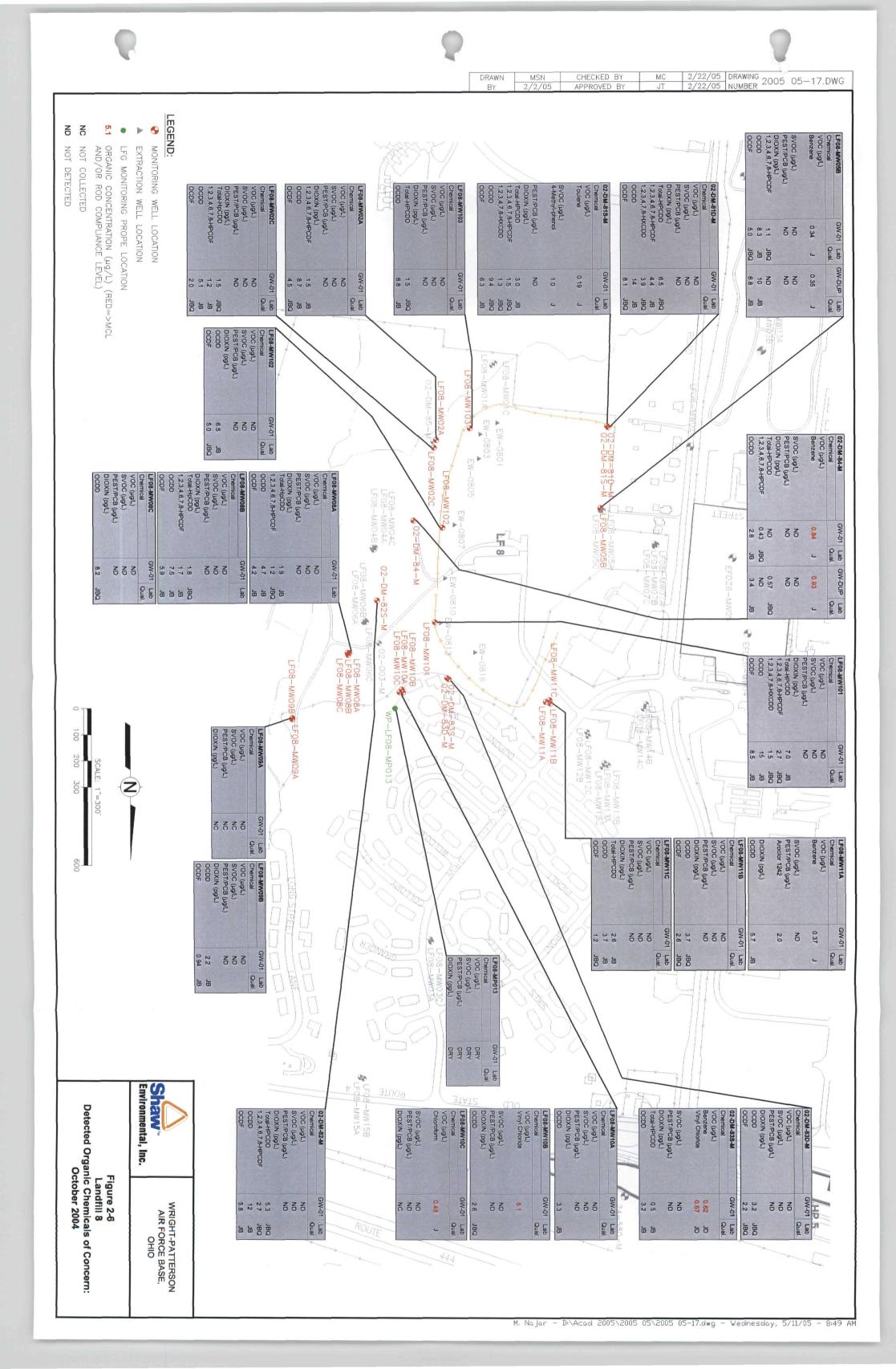


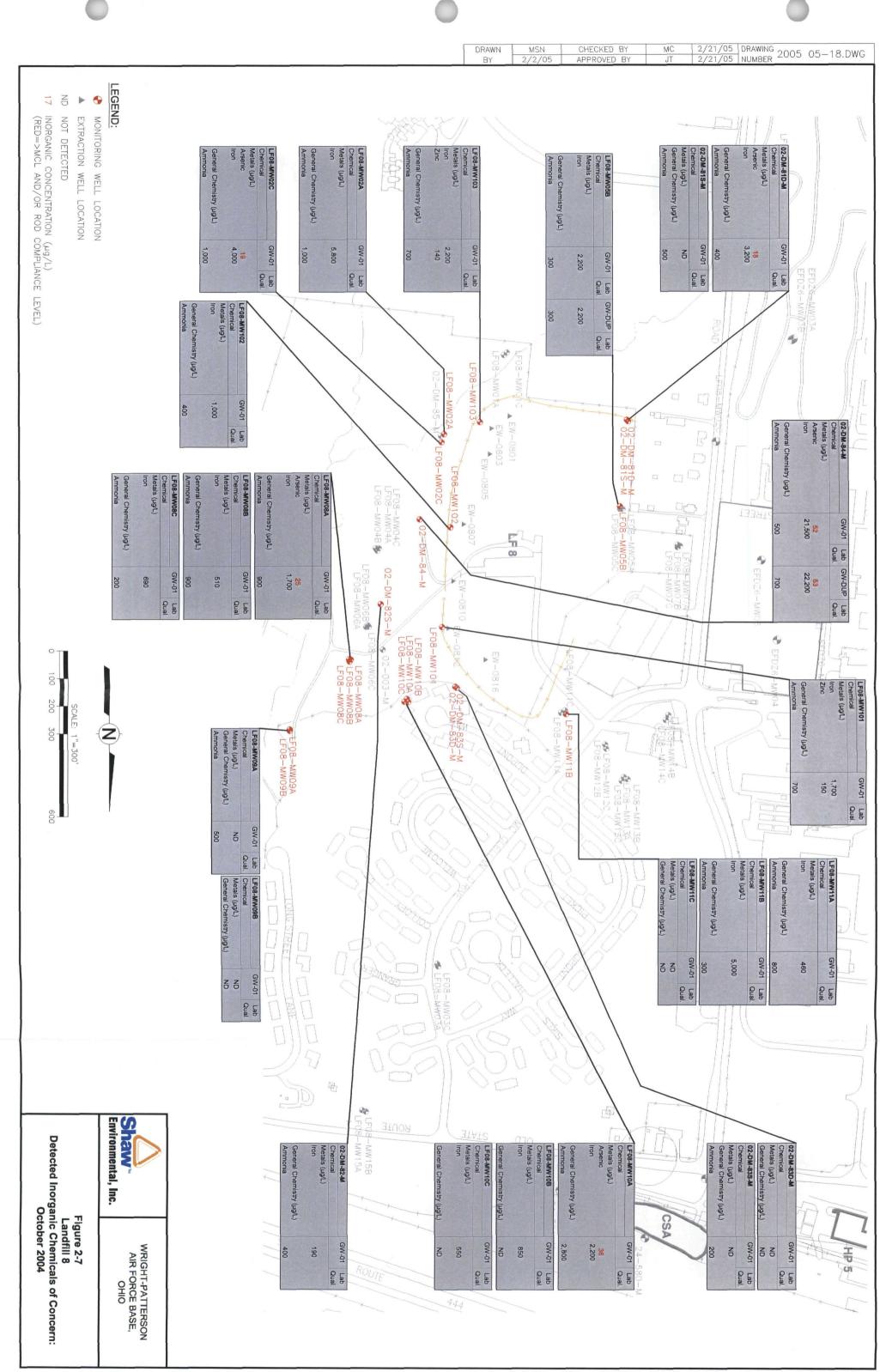


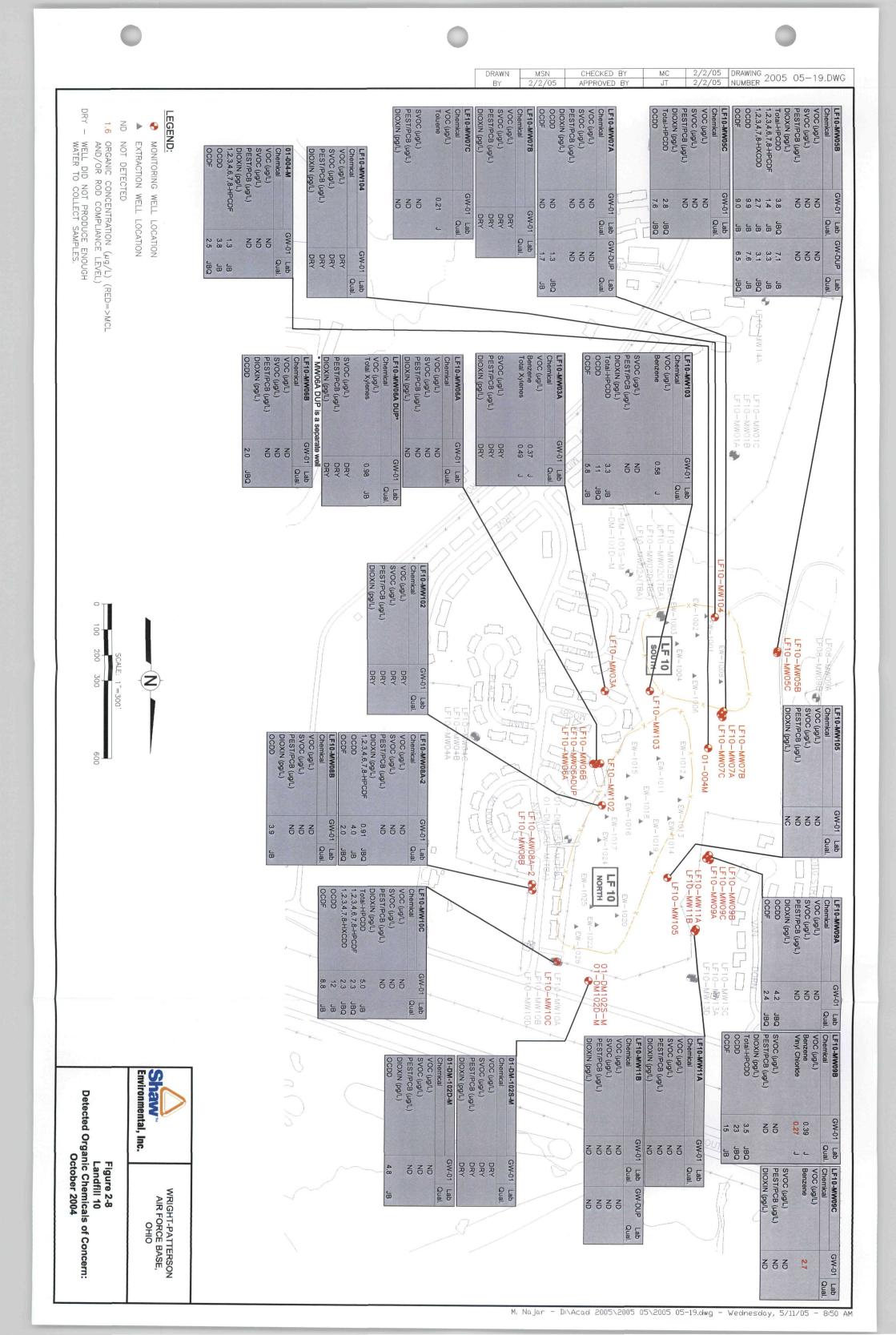


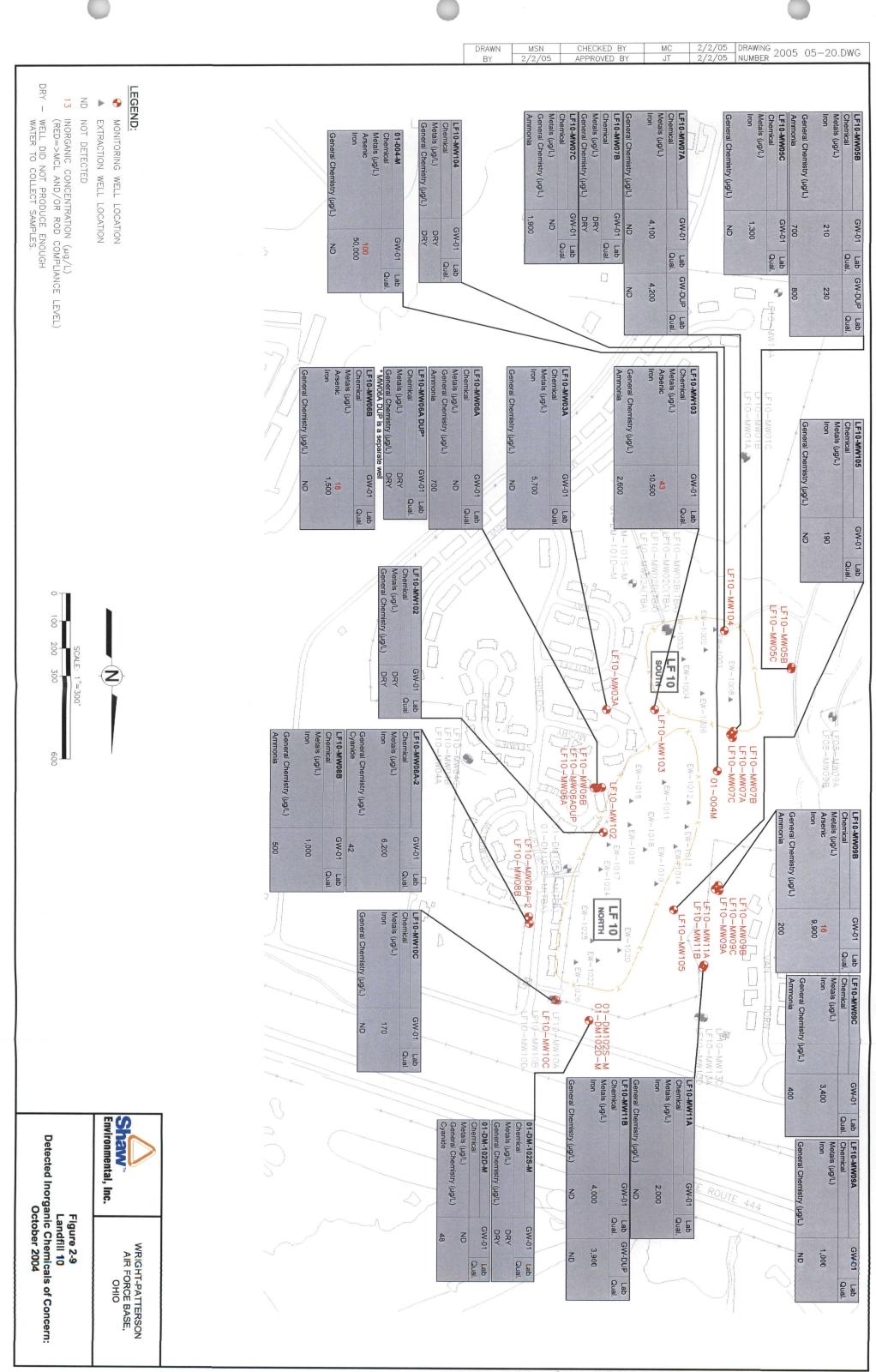


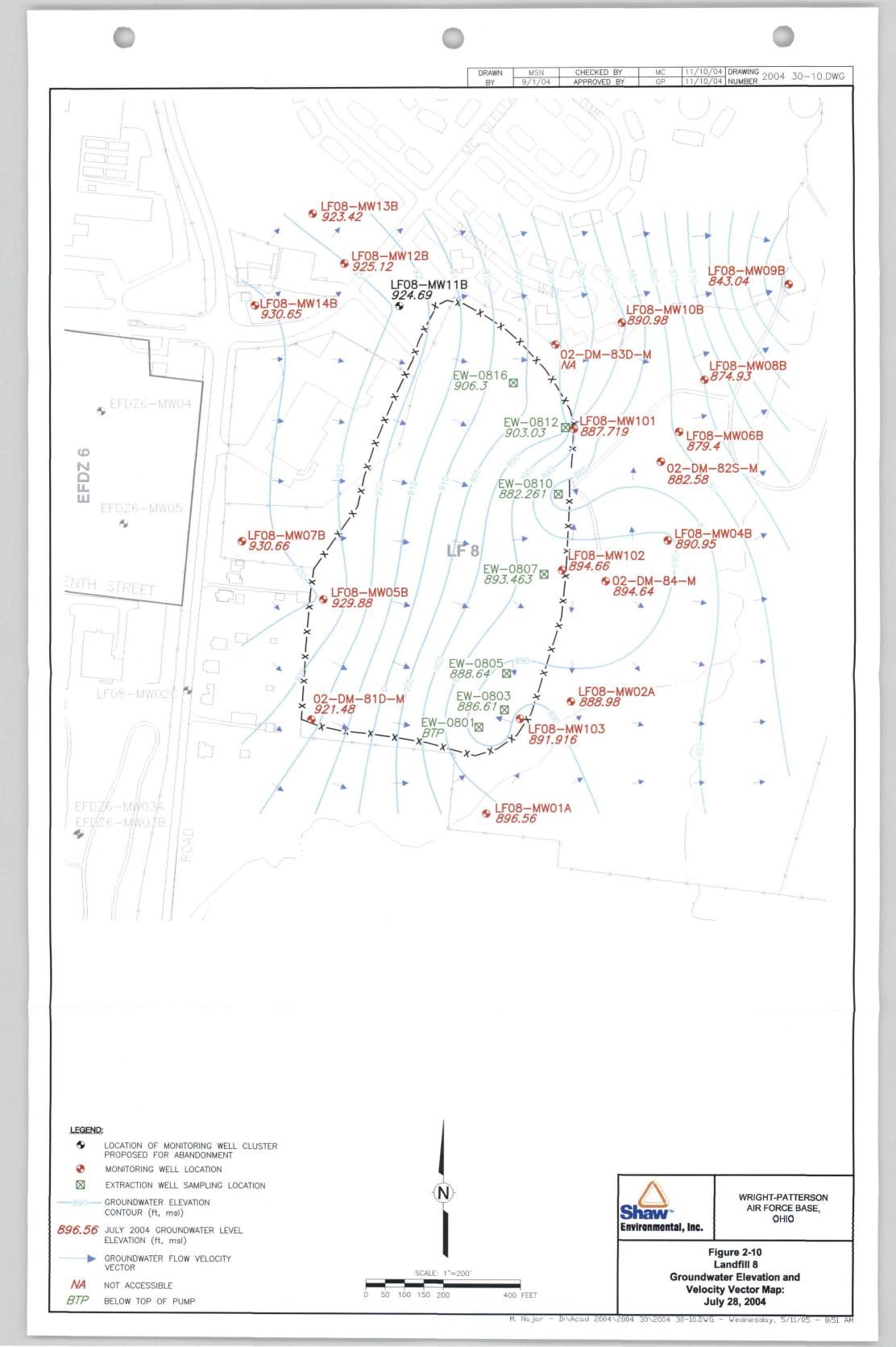




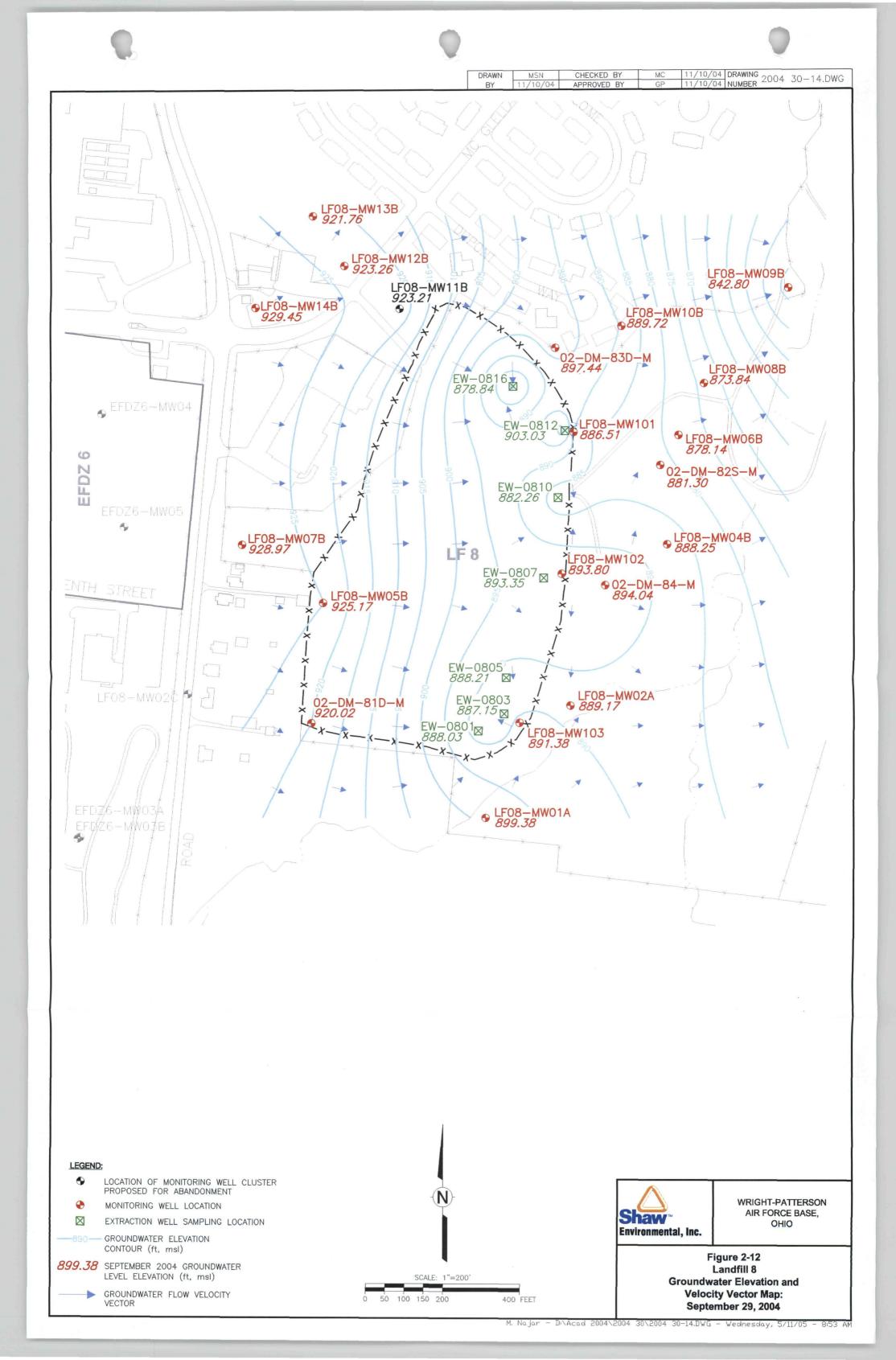




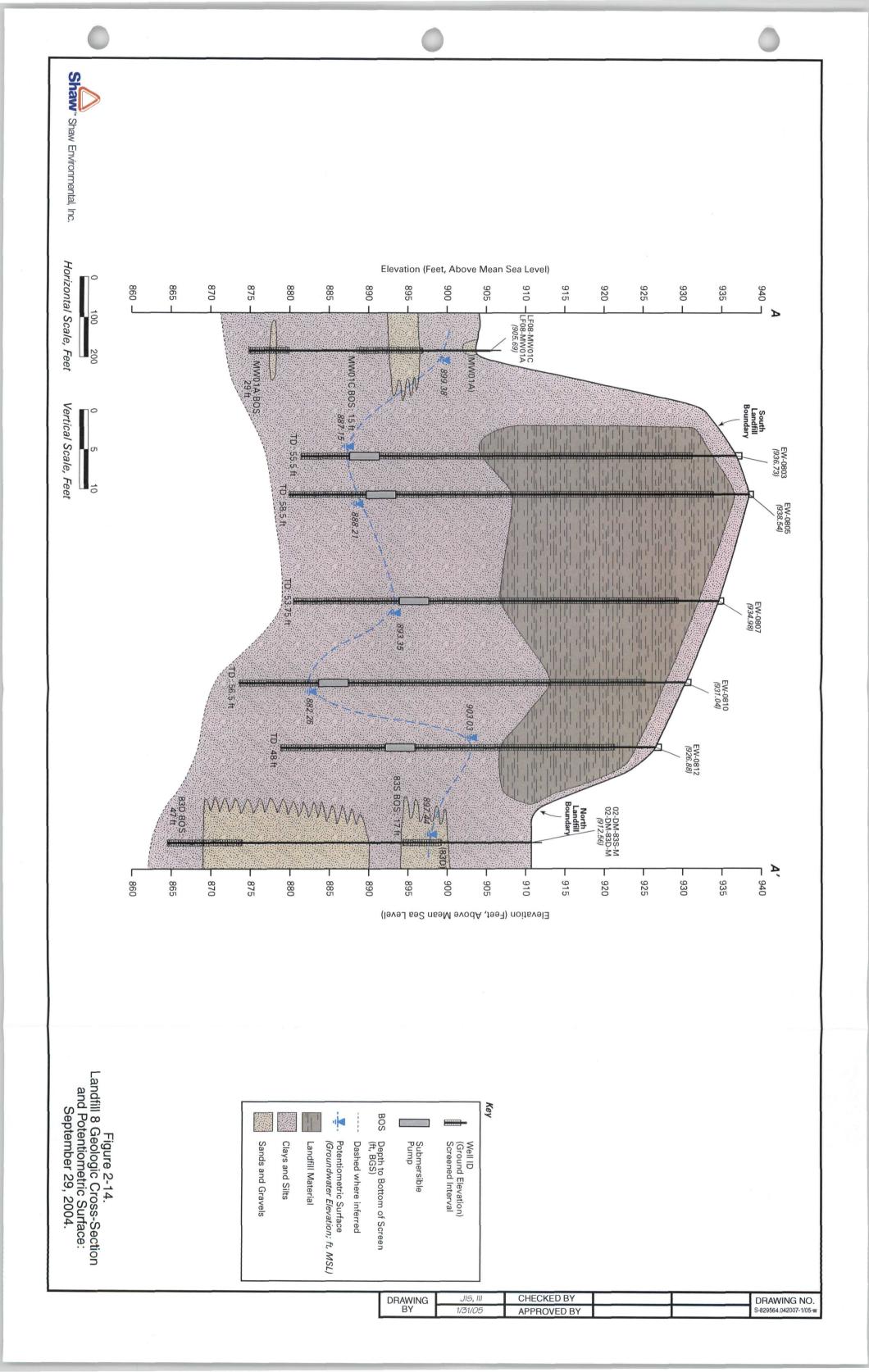


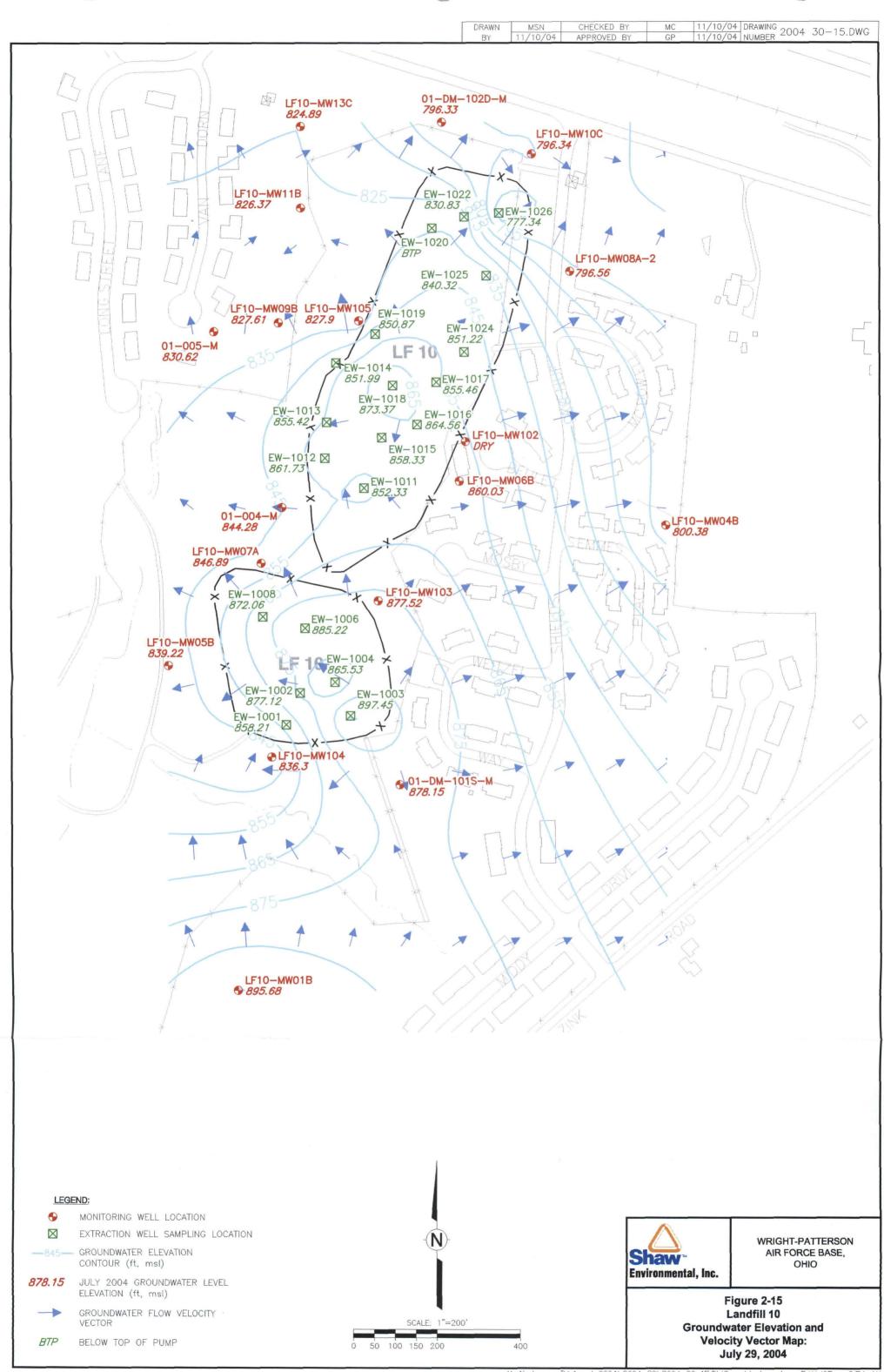


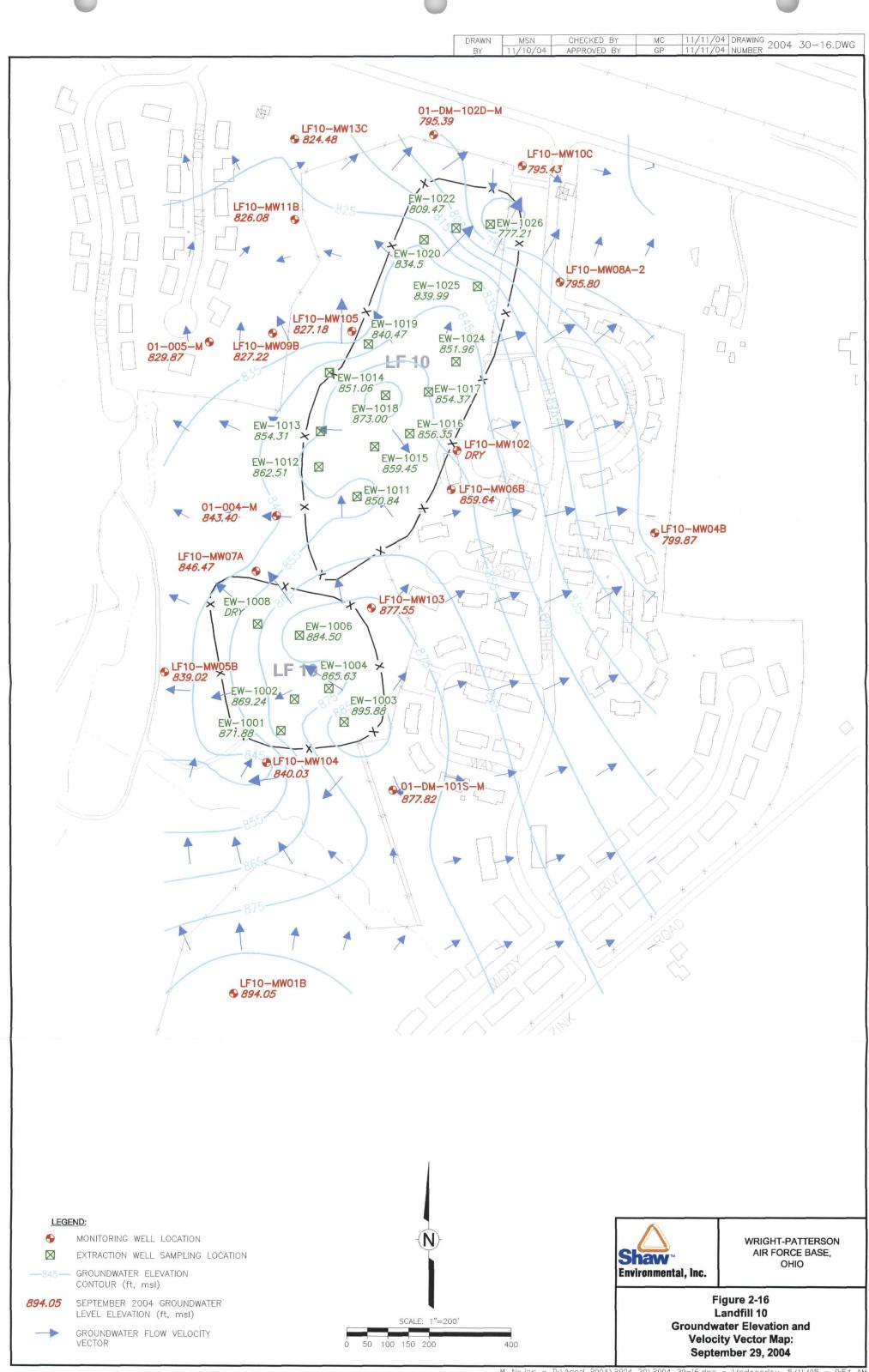




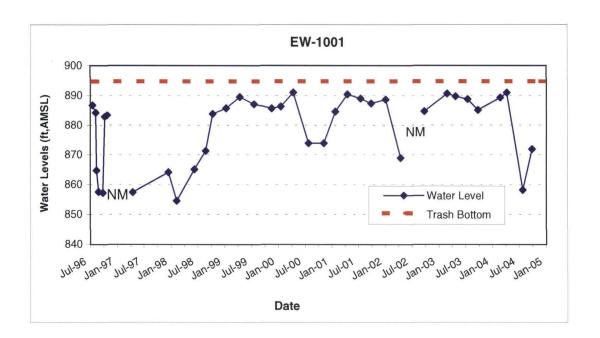


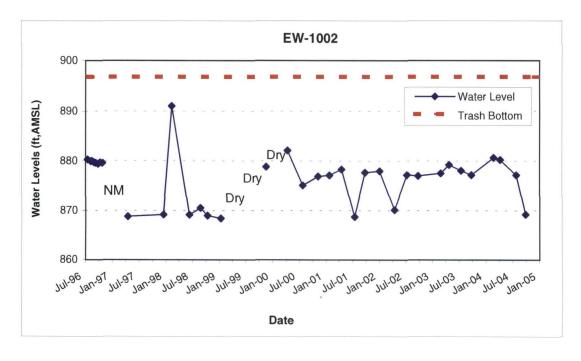






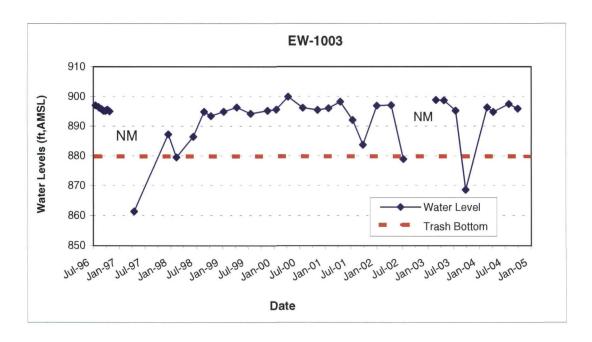
## LANDFILL 10 WATER LEVEL ELEVATION GRAPHS Extraction Wells: EW-1001 and EW-1002 WPAFB - LTM Program

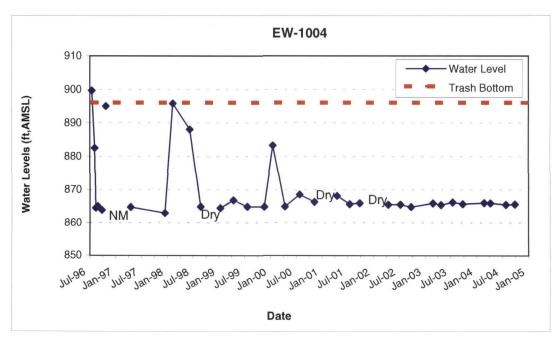




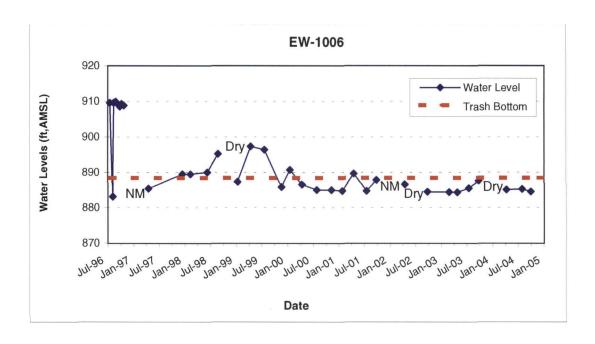
#### LANDFILL 10 WATER LEVEL ELEVATION GRAPHS

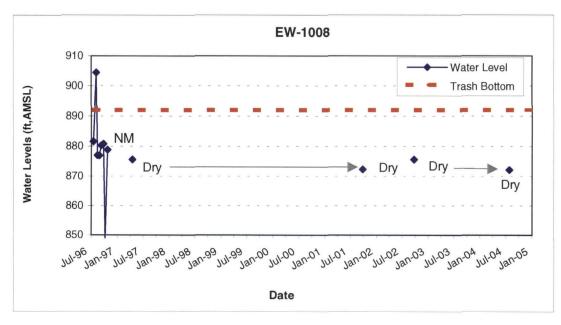
Extraction Wells: EW-1003 and EW-1004



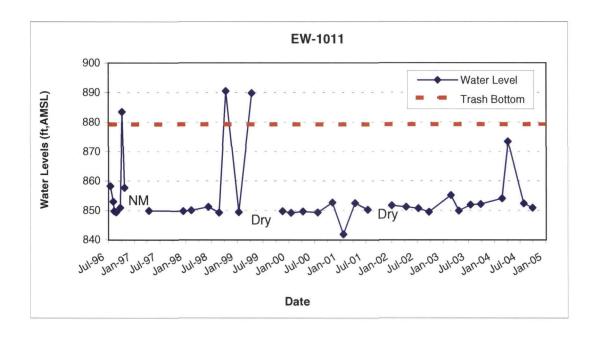


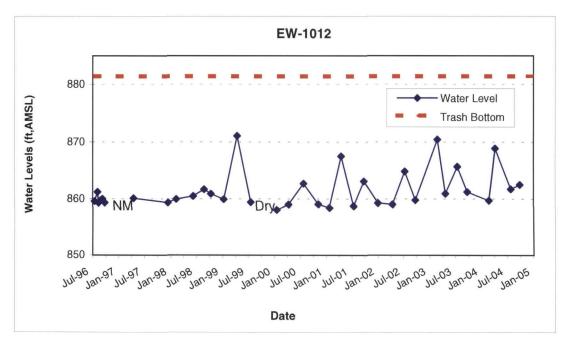
## LANDFILL 10 WATER LEVEL ELEVATION GRAPHS Extraction Wells: EW-1006 and EW-1008



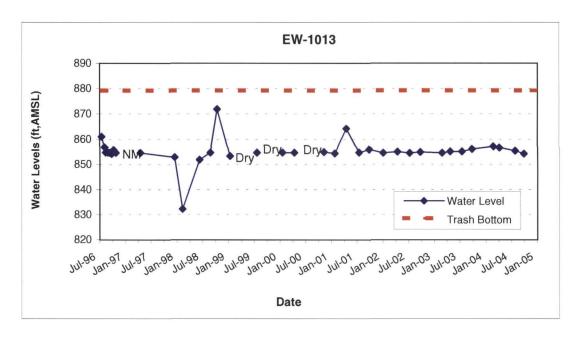


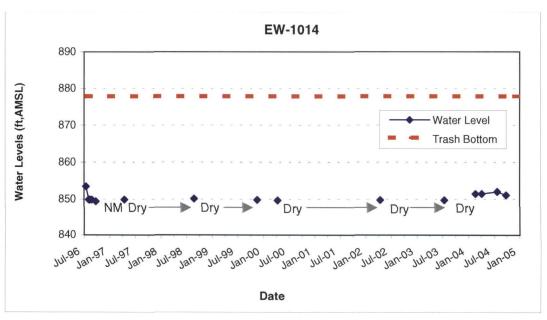
### LANDFILL 10 WATER LEVEL ELEVATION GRAPHS Extraction Wells: EW-1011 and EW-1012



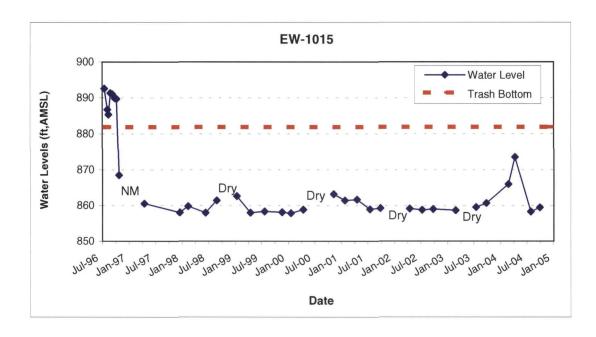


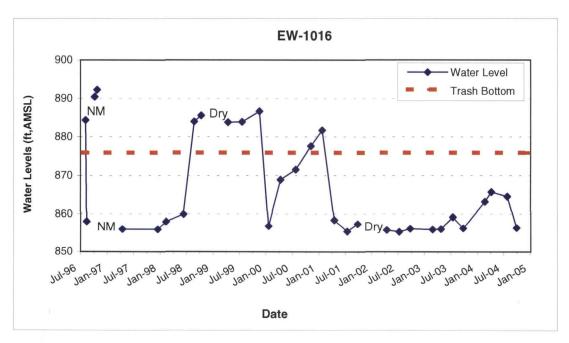
### LANDFILL 10 WATER LEVEL ELEVATION GRAPHS Extraction Wells: EW-1013 and EW-1014



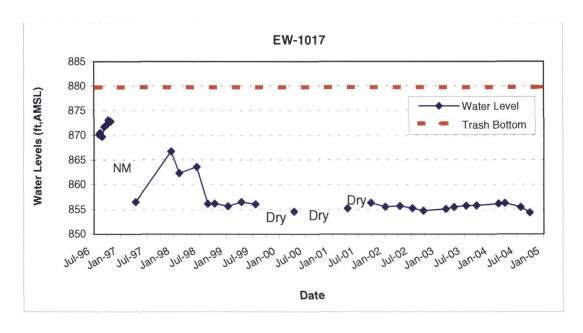


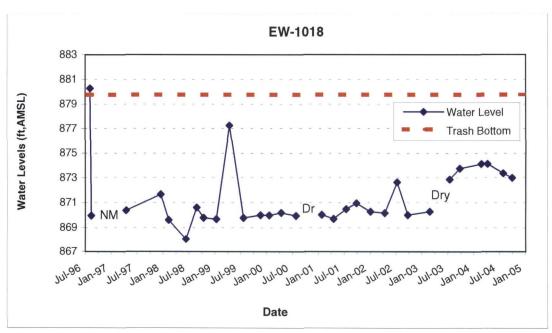
## LANDFILL 10 WATER LEVEL ELEVATION GRAPHS Extraction Wells: EW-1015 and EW-1016



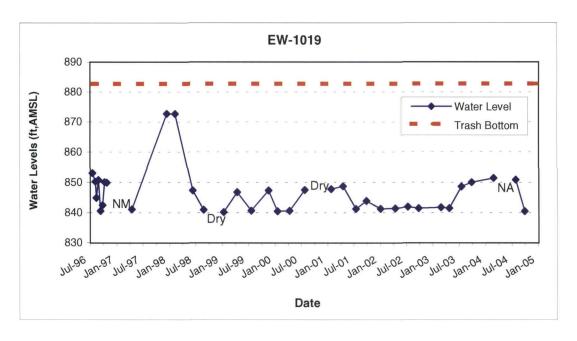


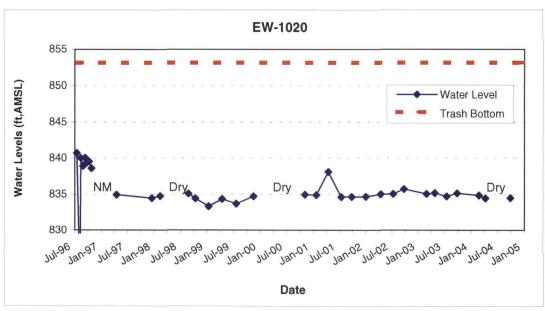
## LANDFILL 10 WATER LEVEL ELEVATION GRAPHS Extraction Wells: EW-1017 and EW-1018



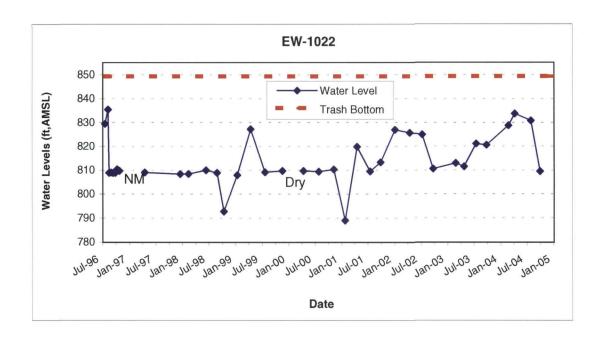


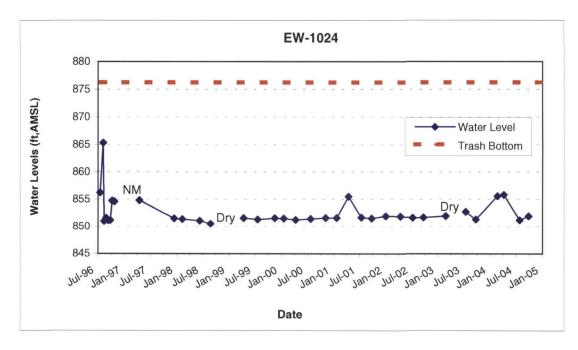
### LANDFILL 10 WATER LEVEL ELEVATION GRAPHS Extraction Wells: EW-1019 and EW-1020





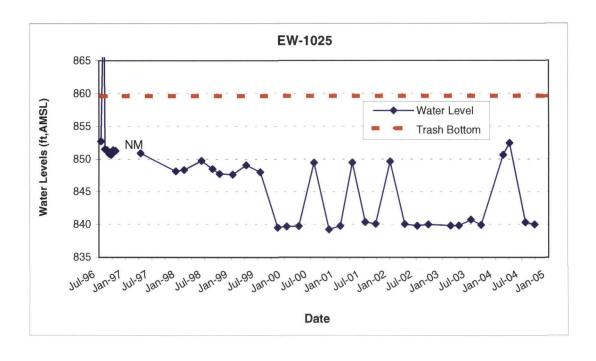
## LANDFILL 10 WATER LEVEL ELEVATION GRAPHS Extraction Wells: EW-1022 and EW-1024 WPAFB - LTM Program

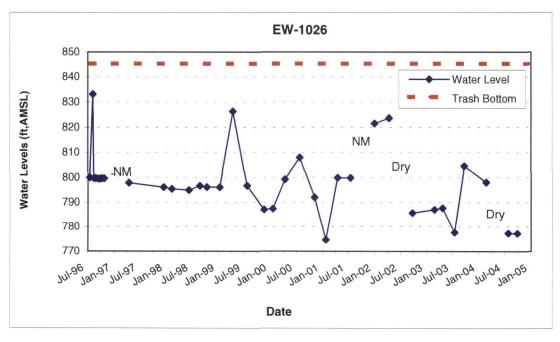


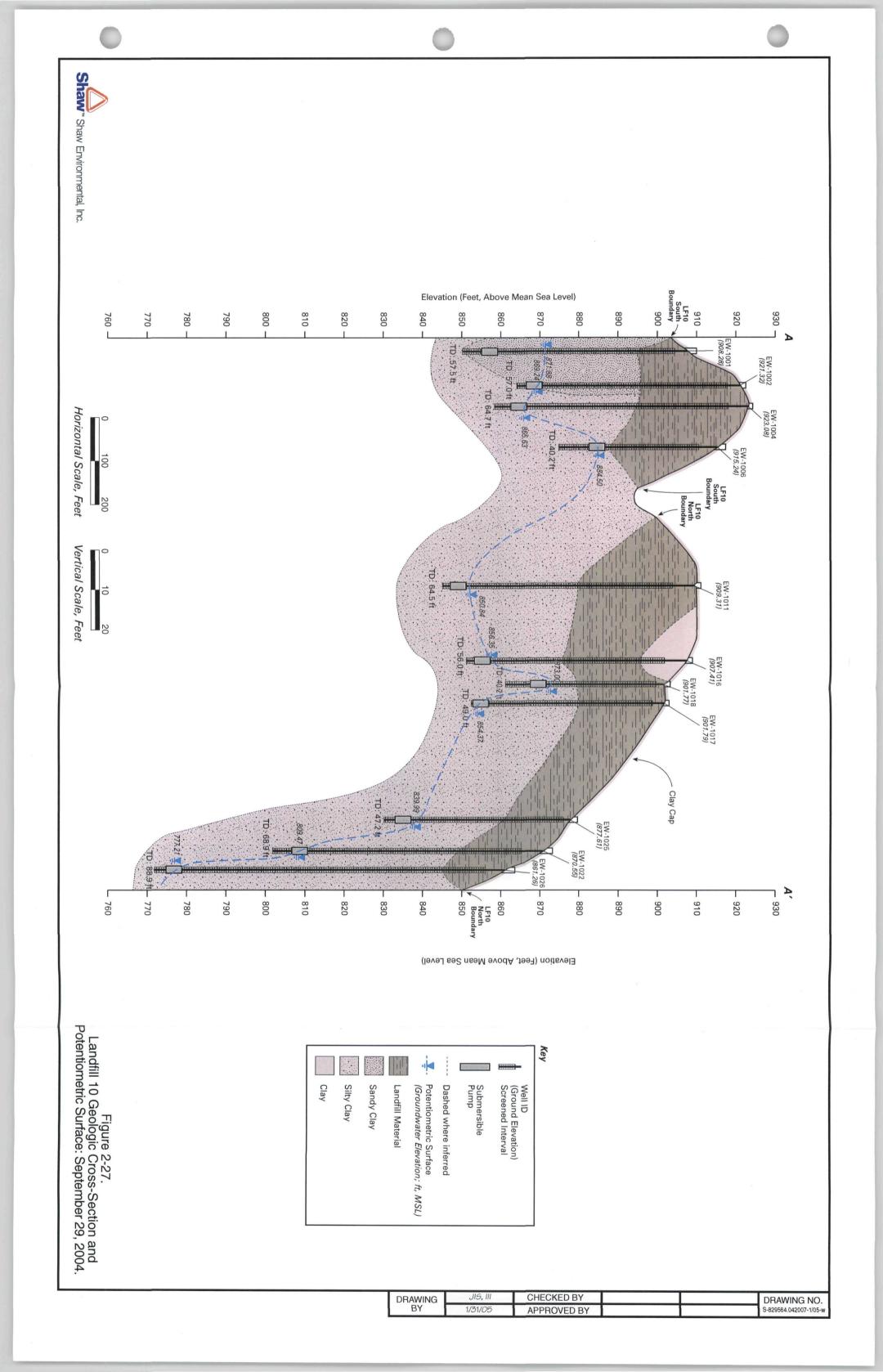


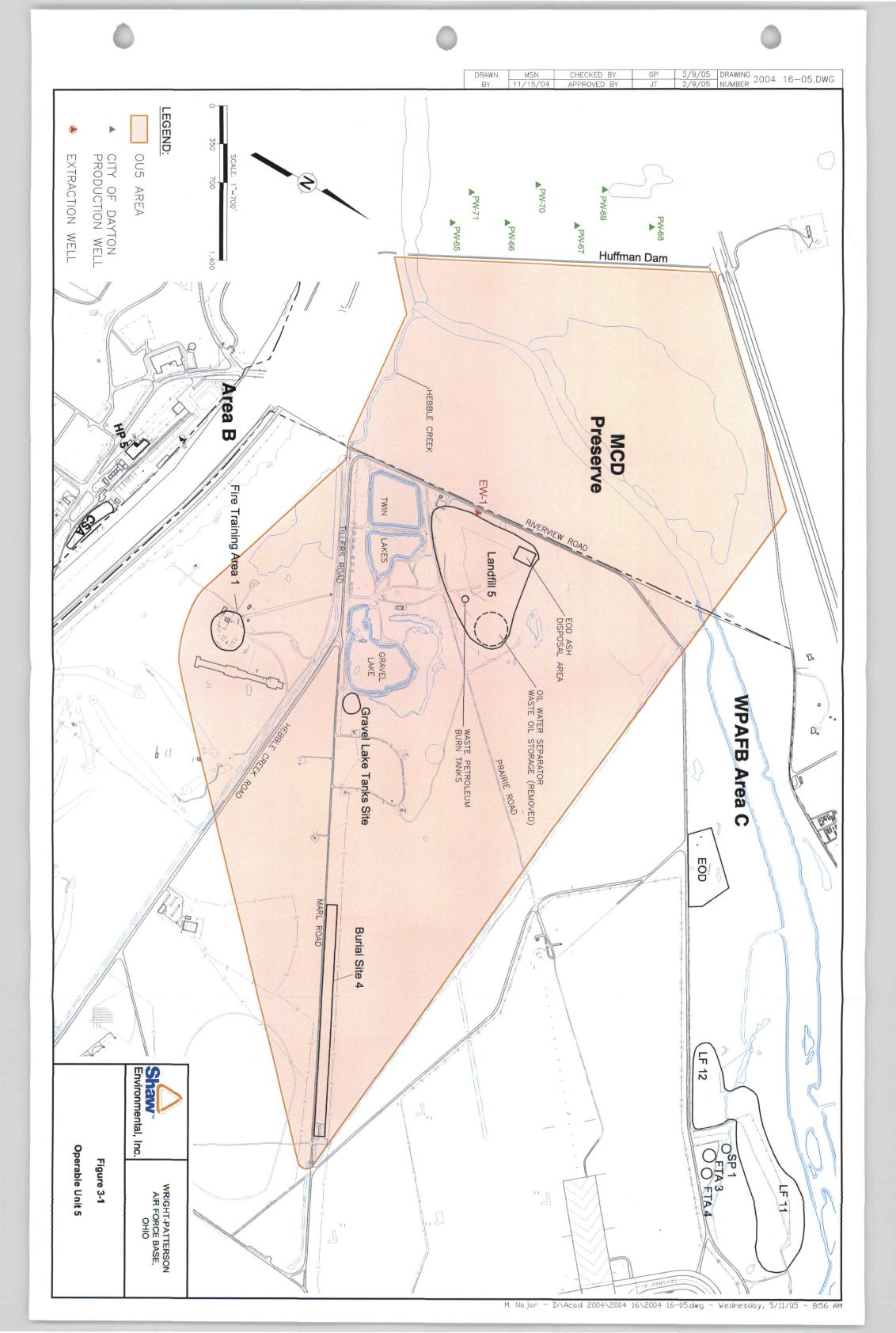
# Extraction Wells: EW-1025 and EW-1026

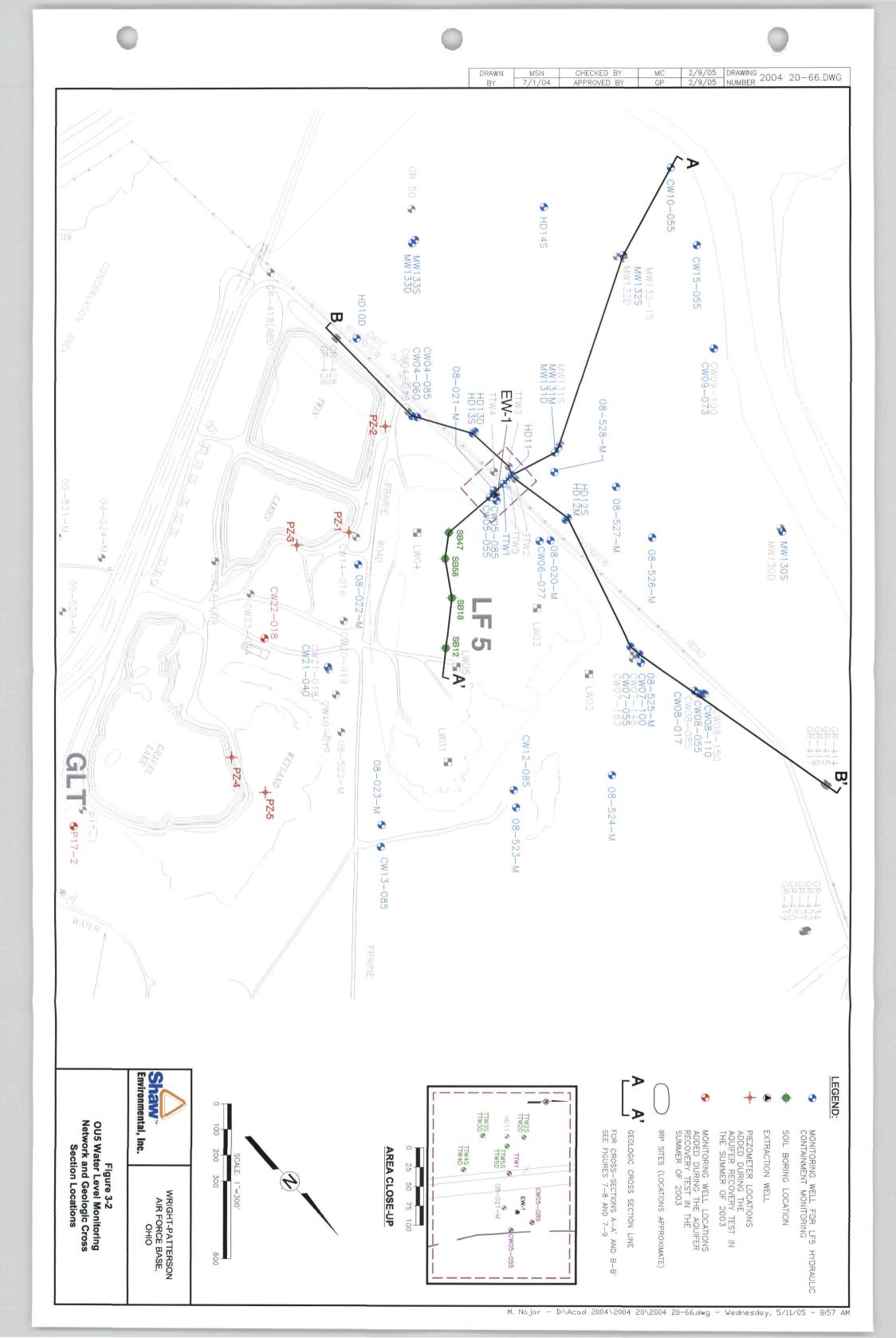
WPAFB - LTM Program

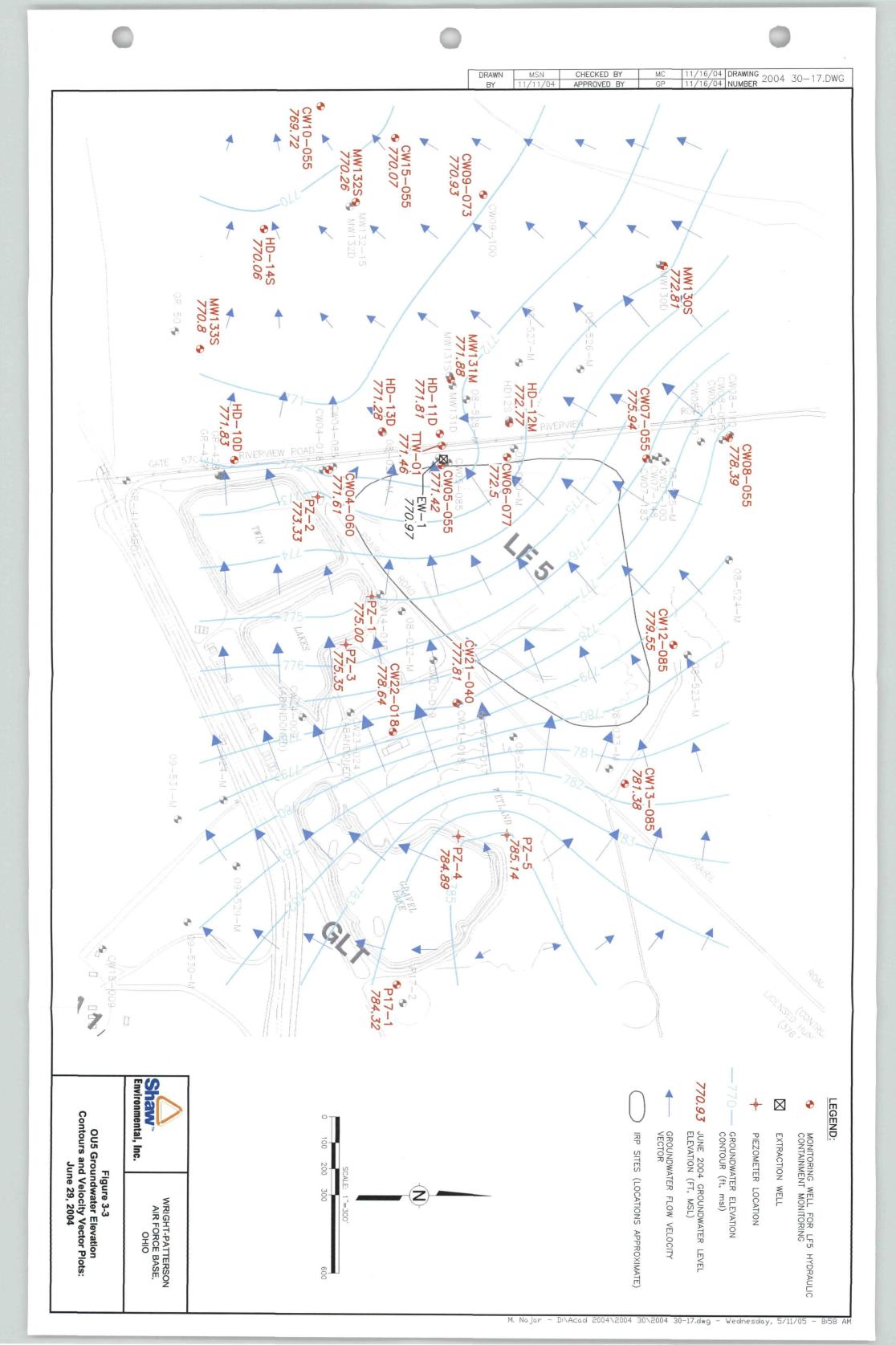


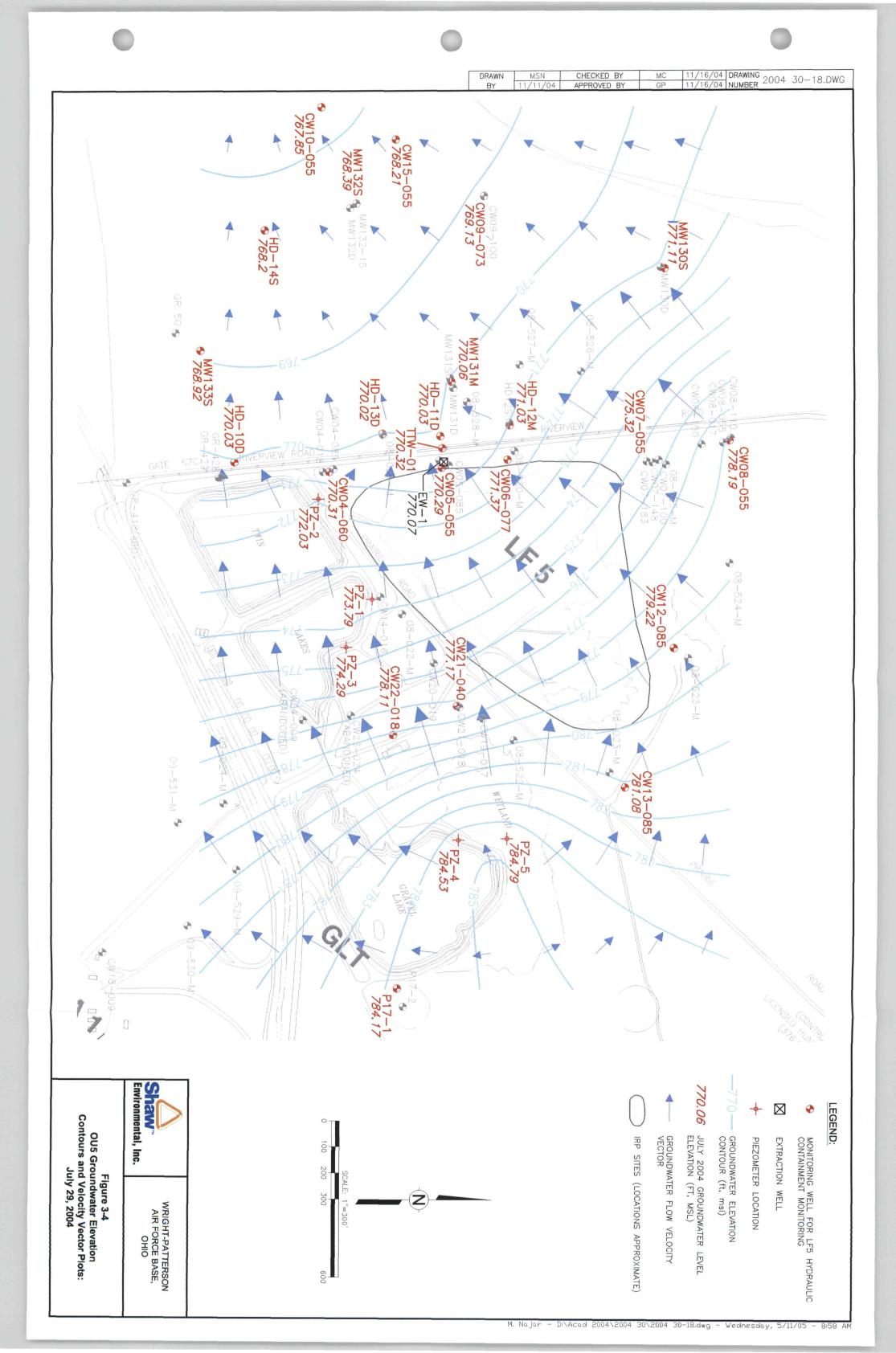


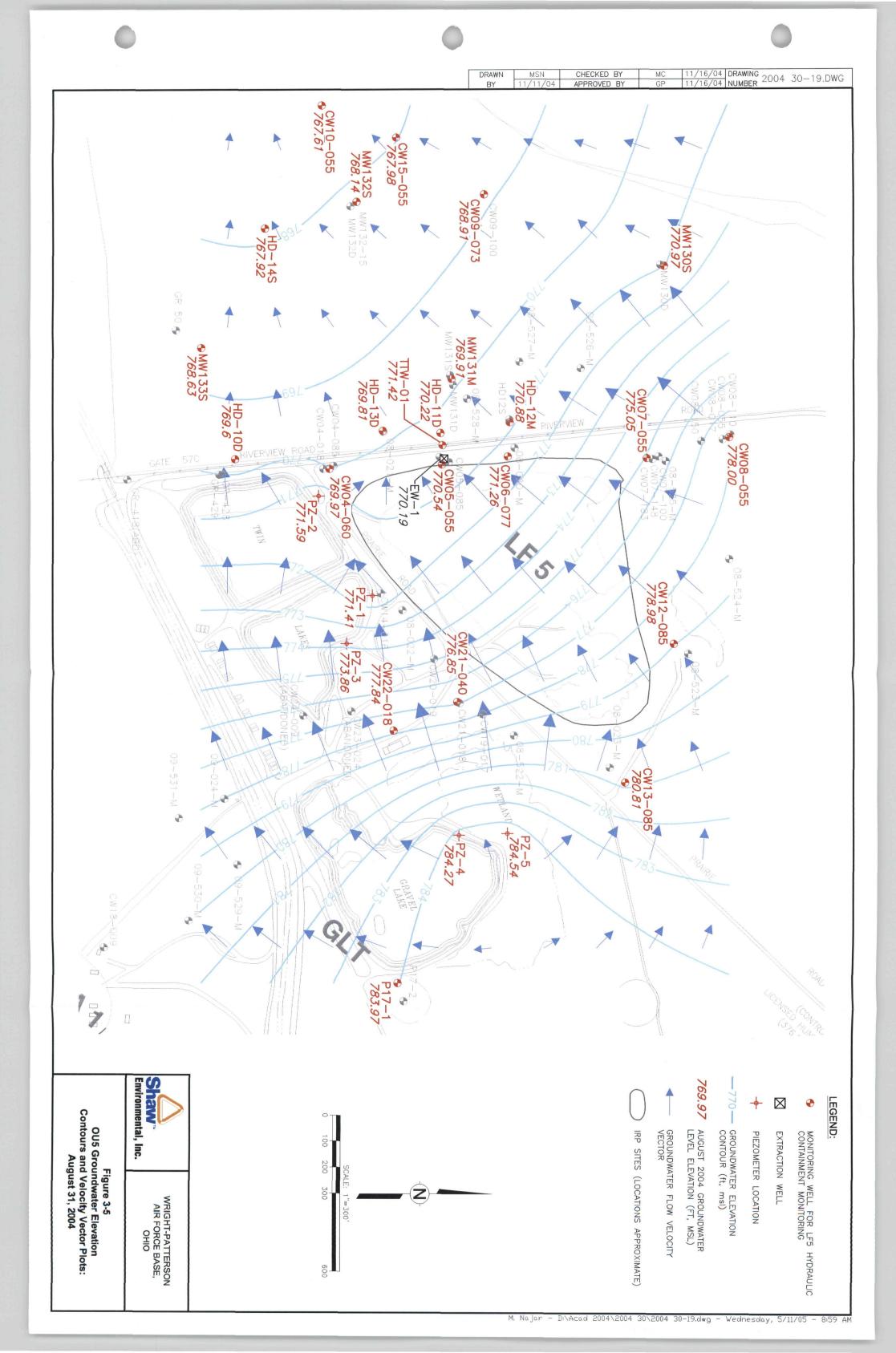


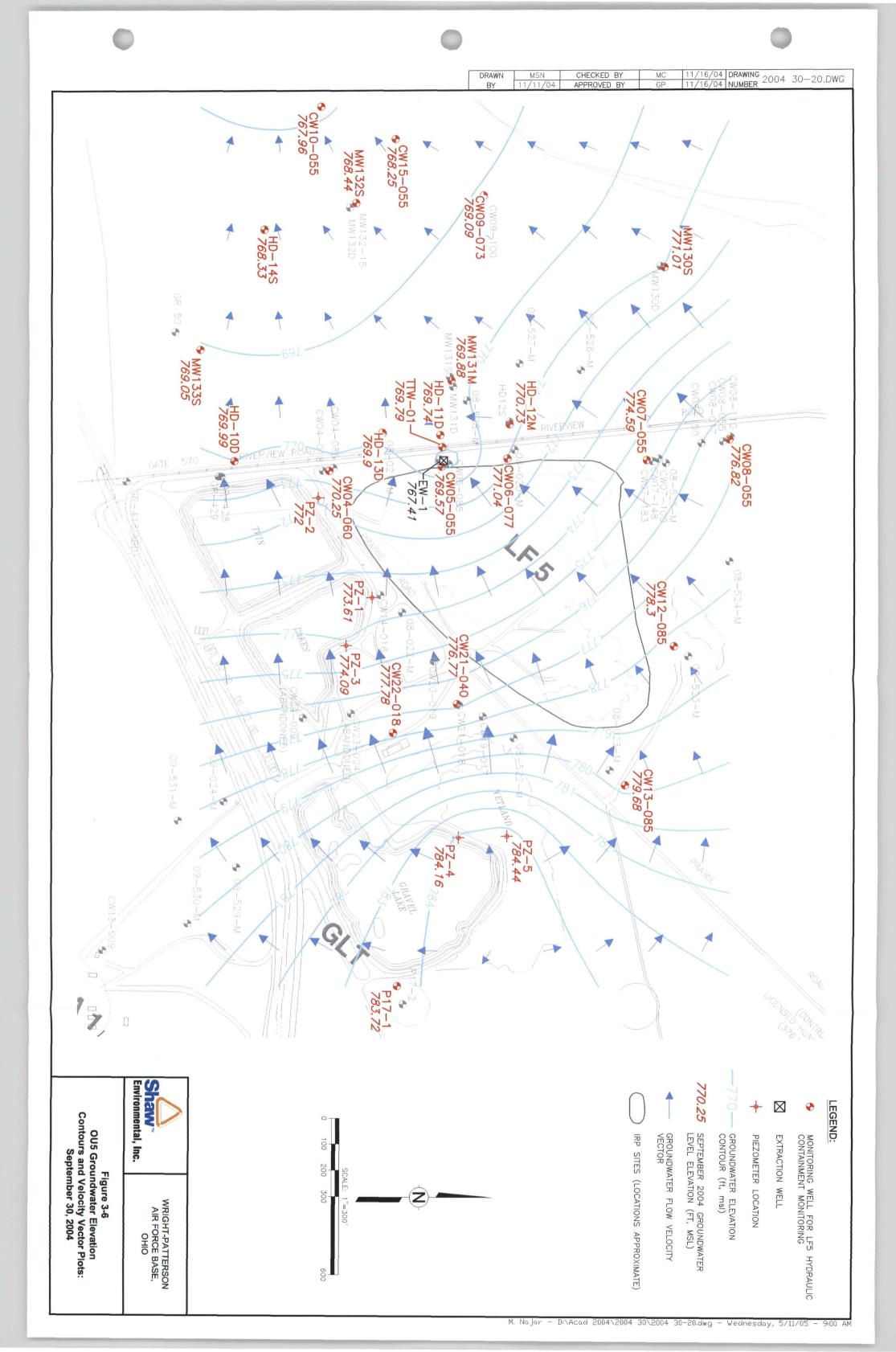


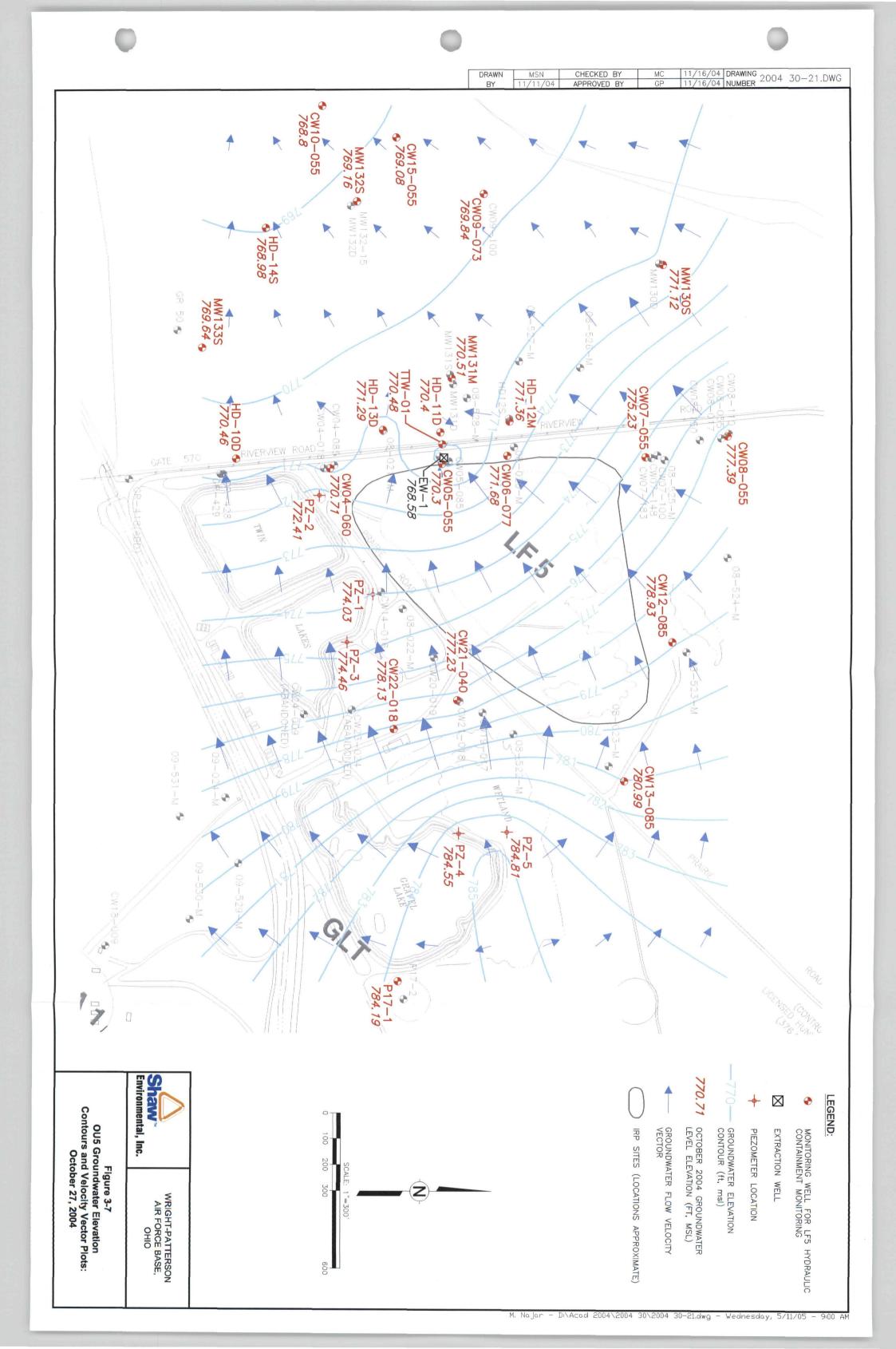


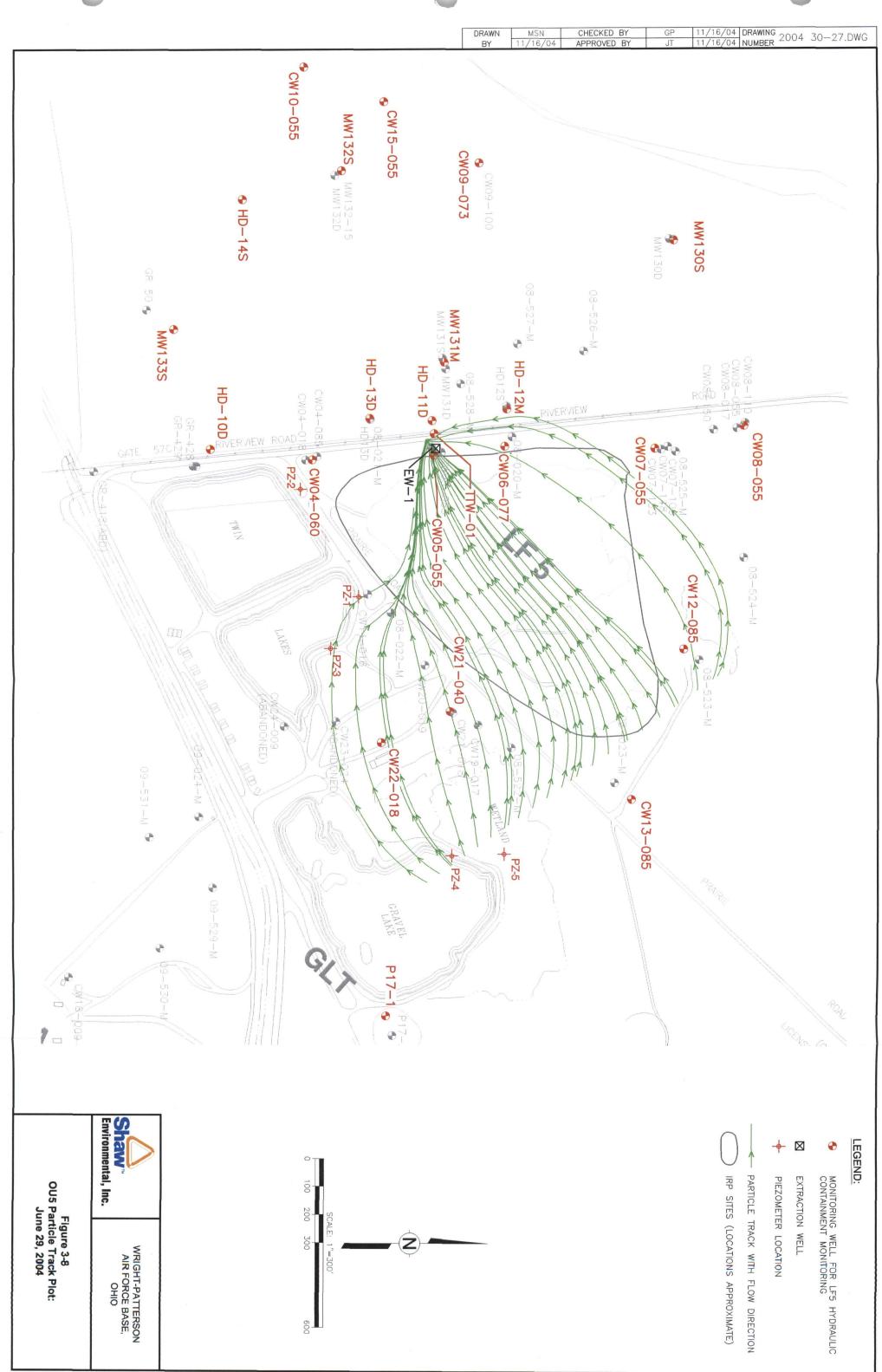


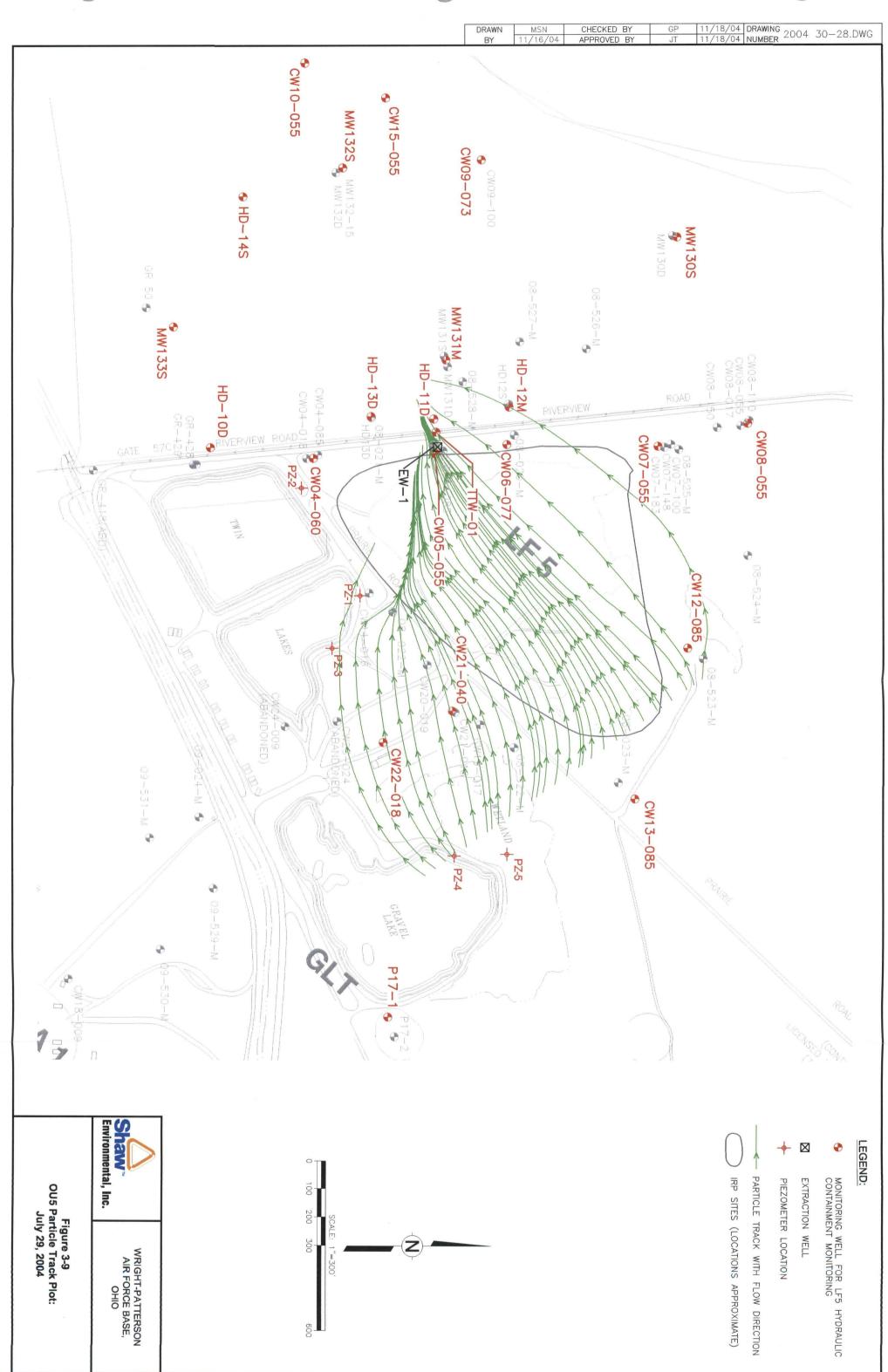


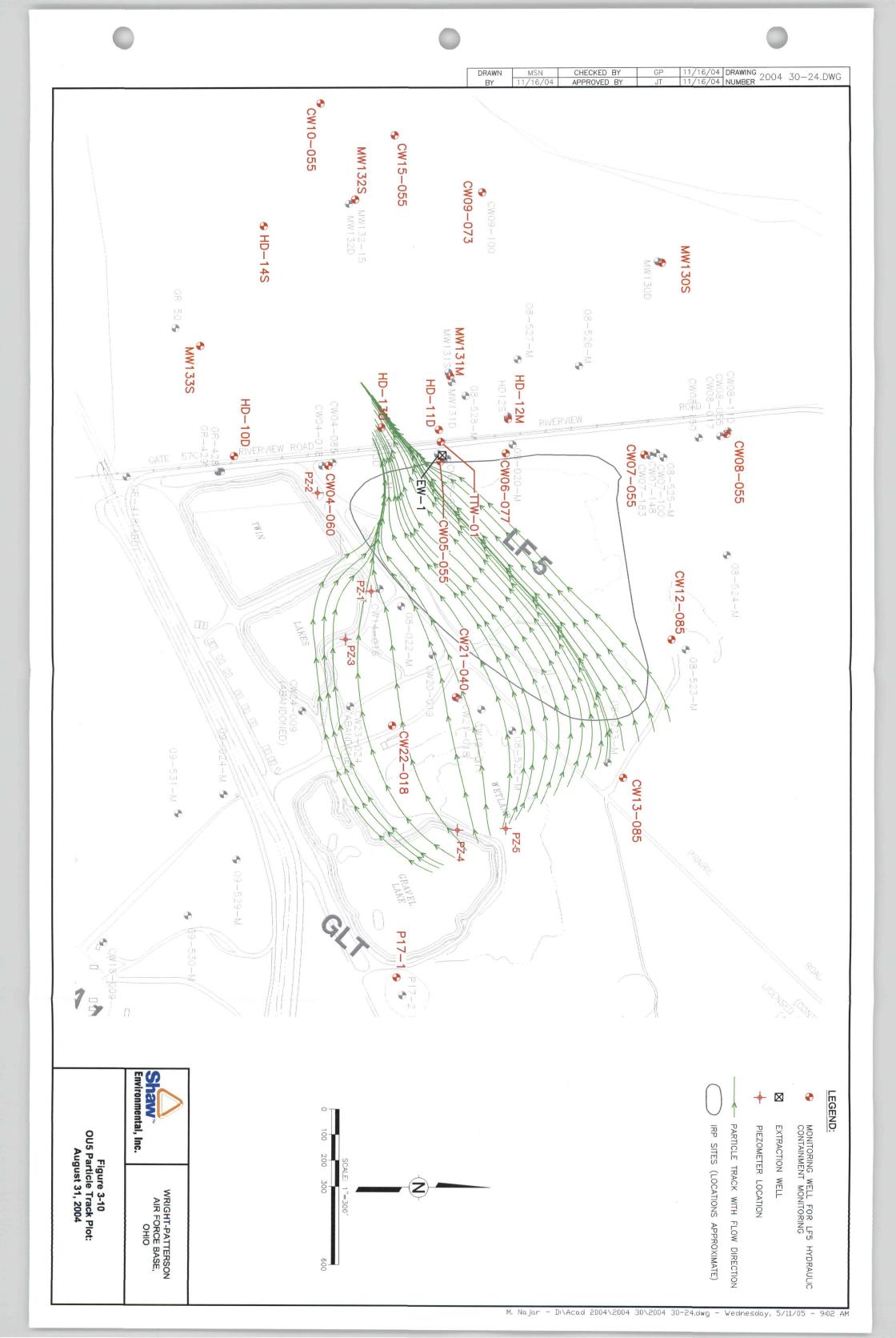


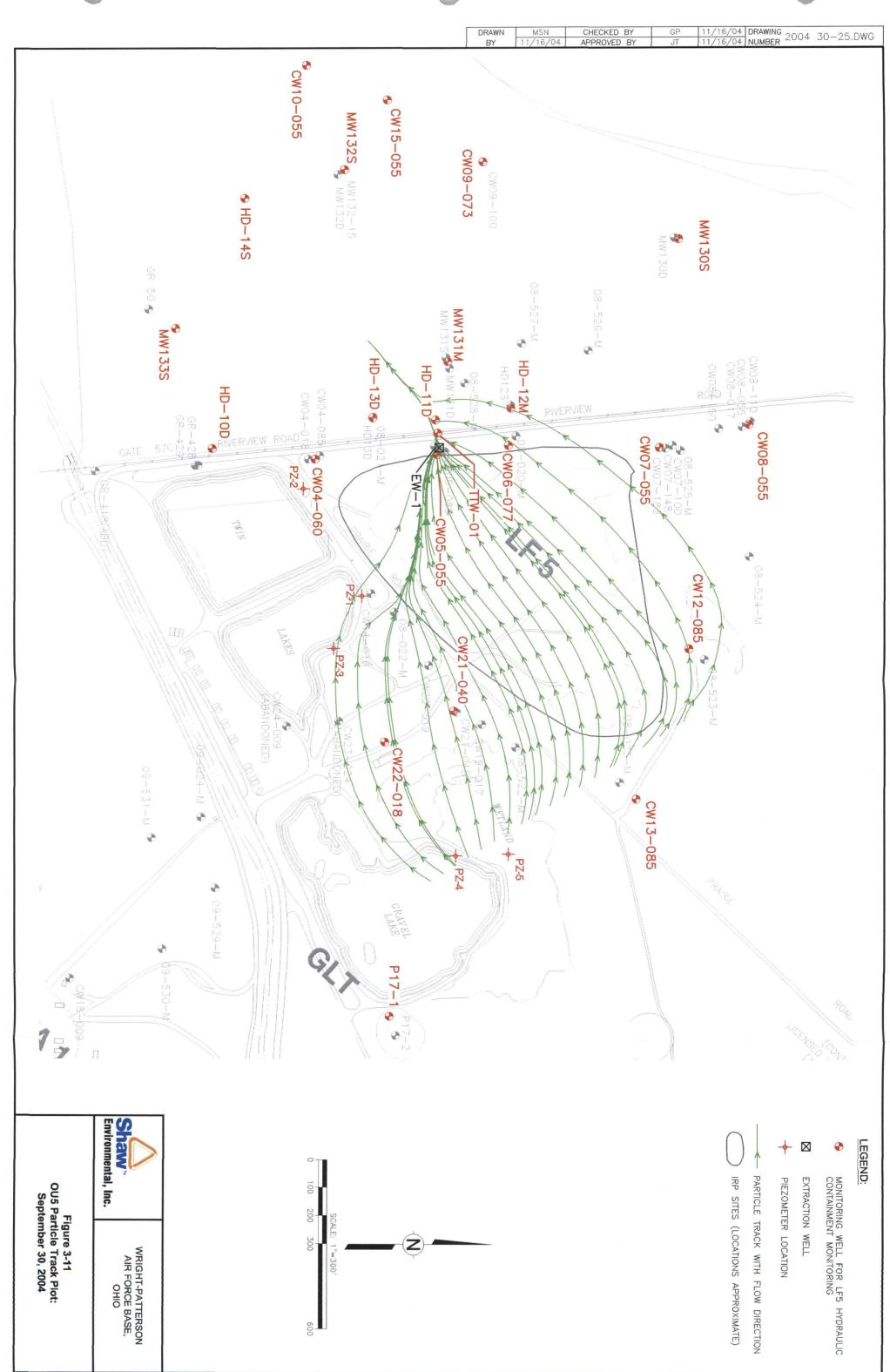


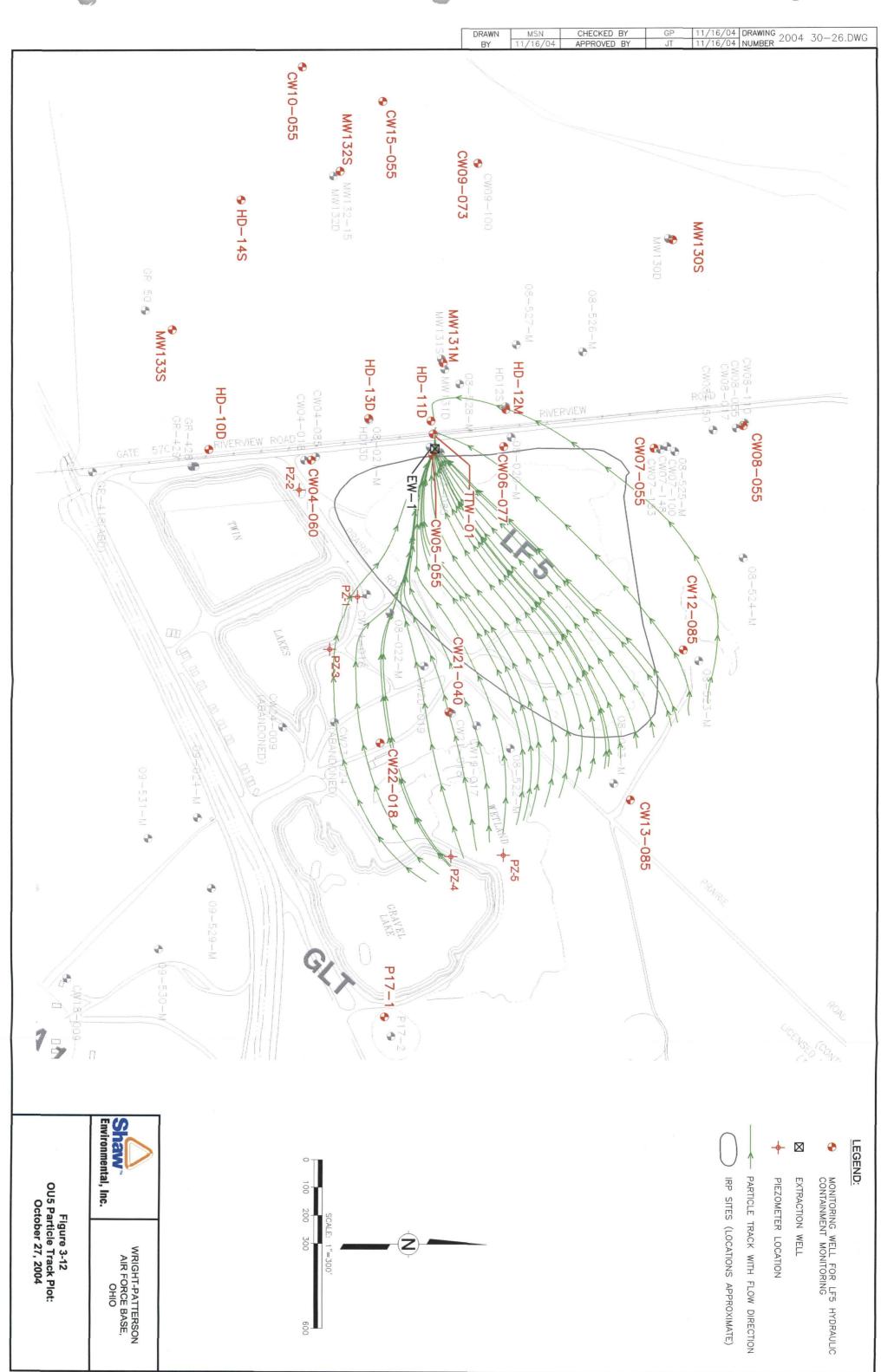


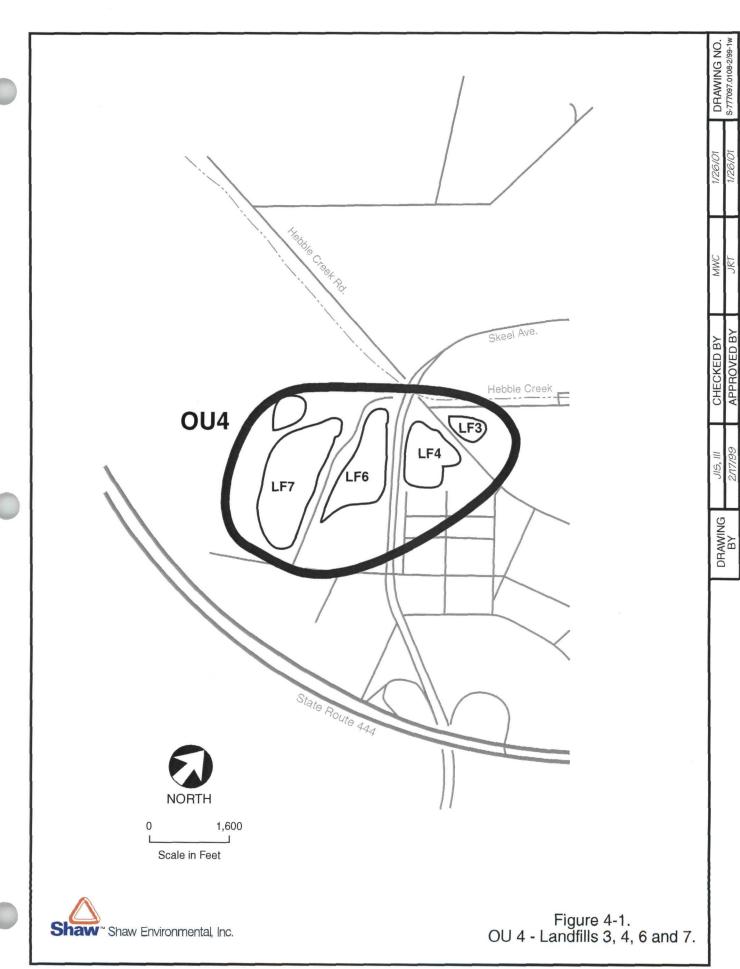


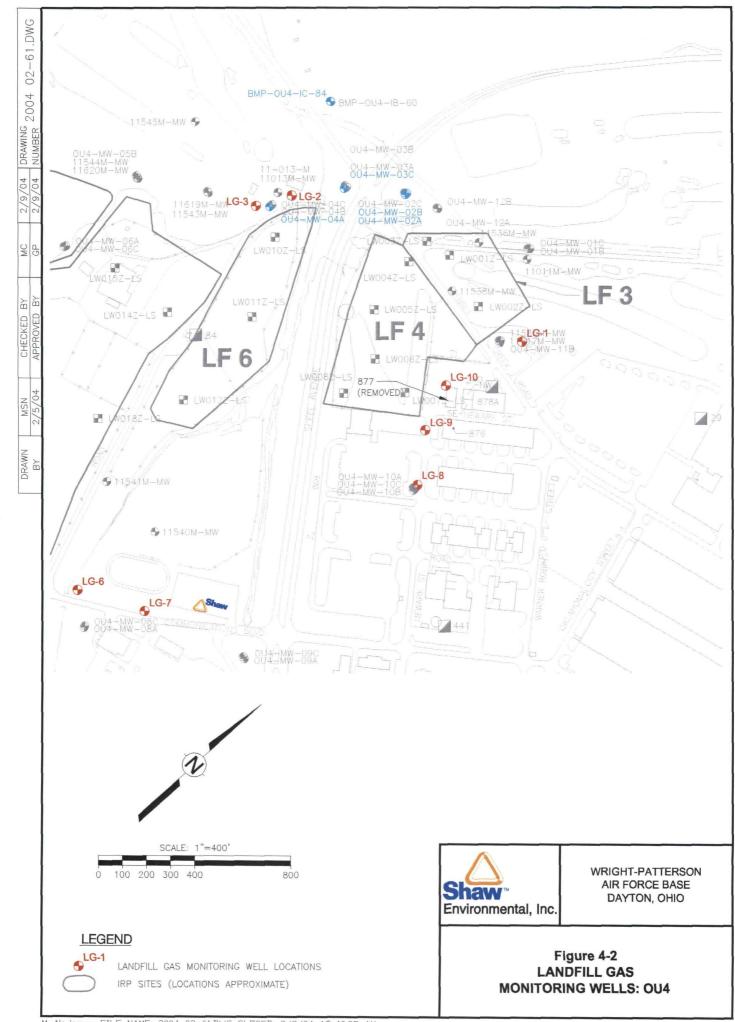


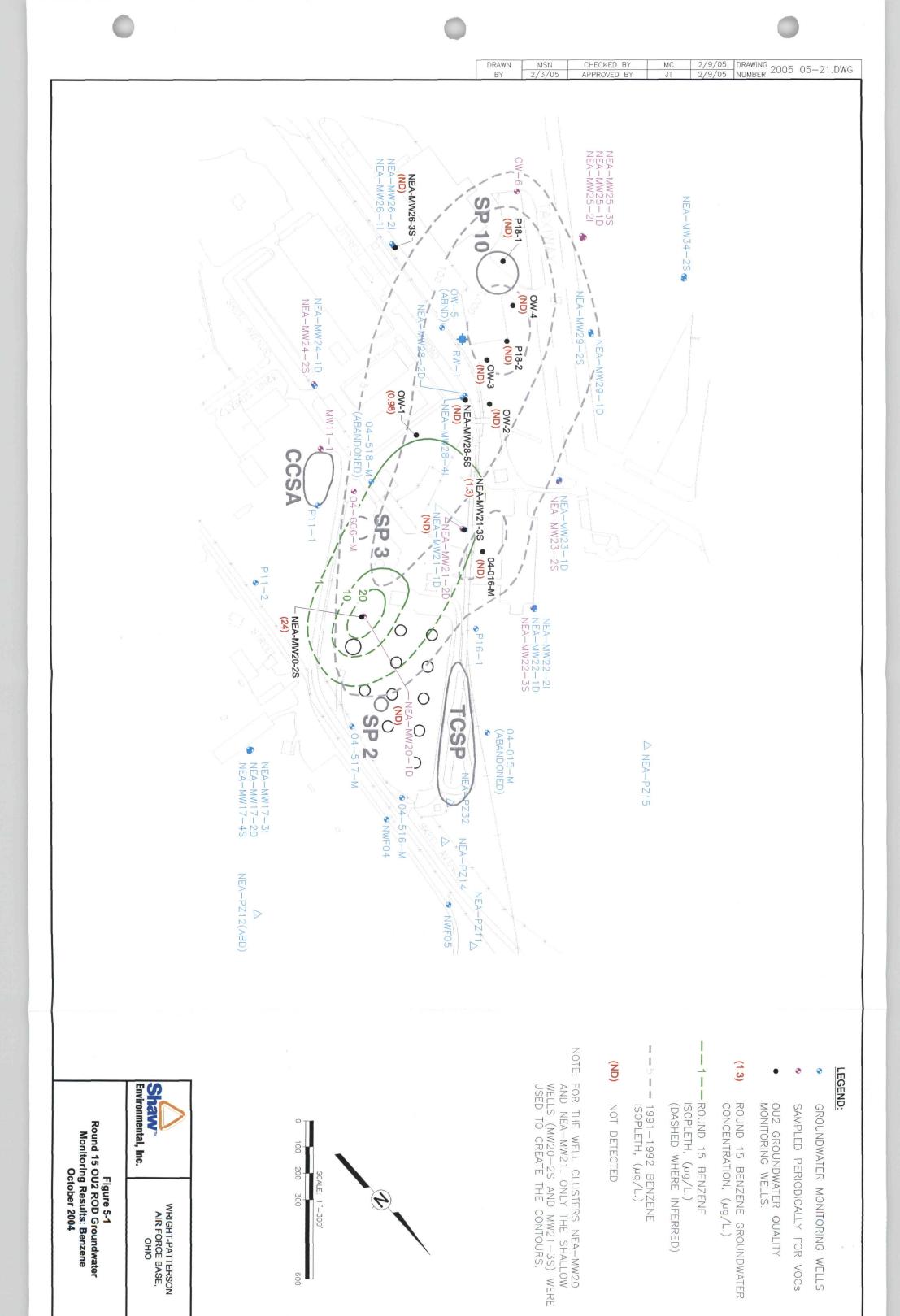


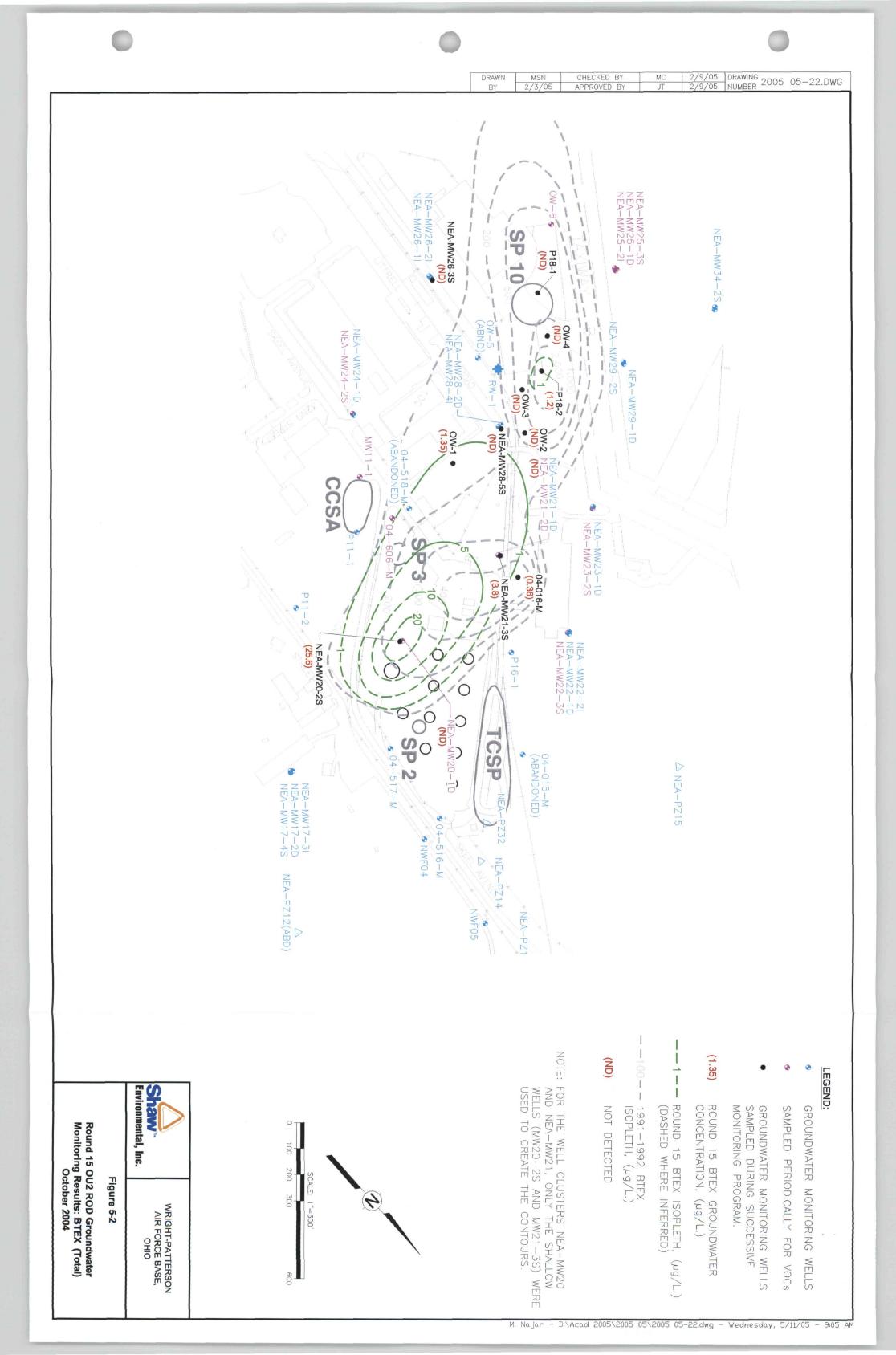


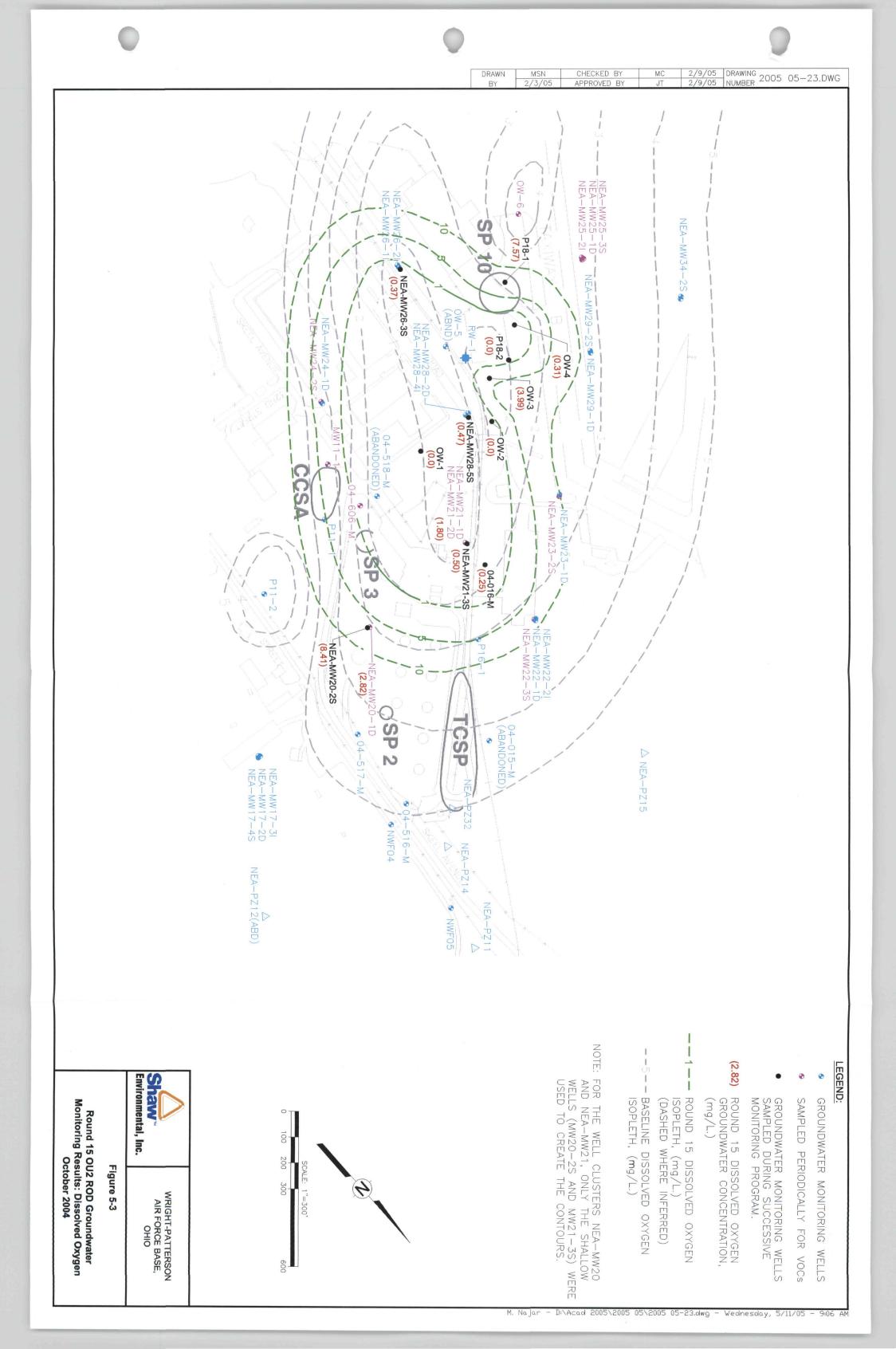


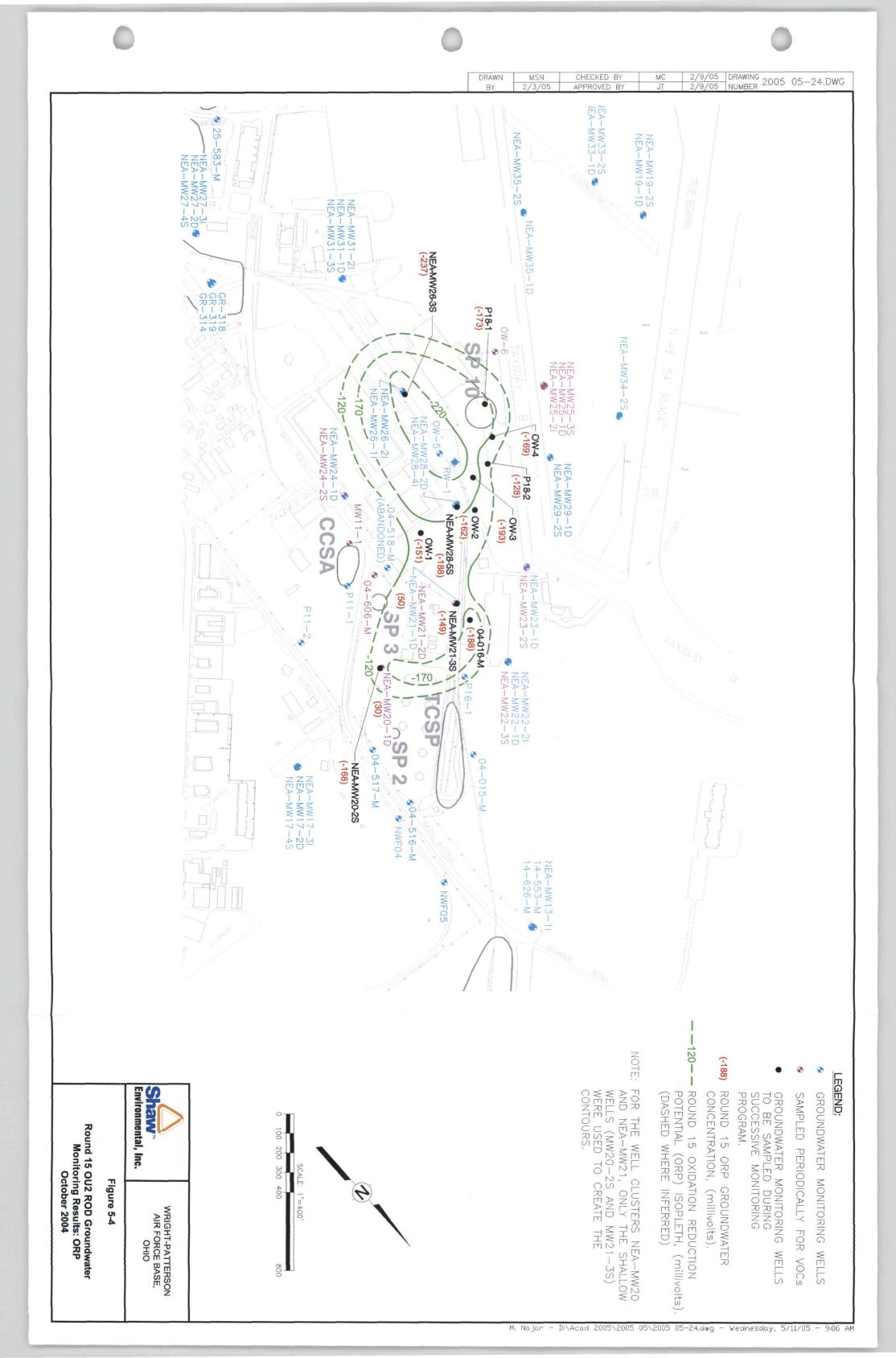


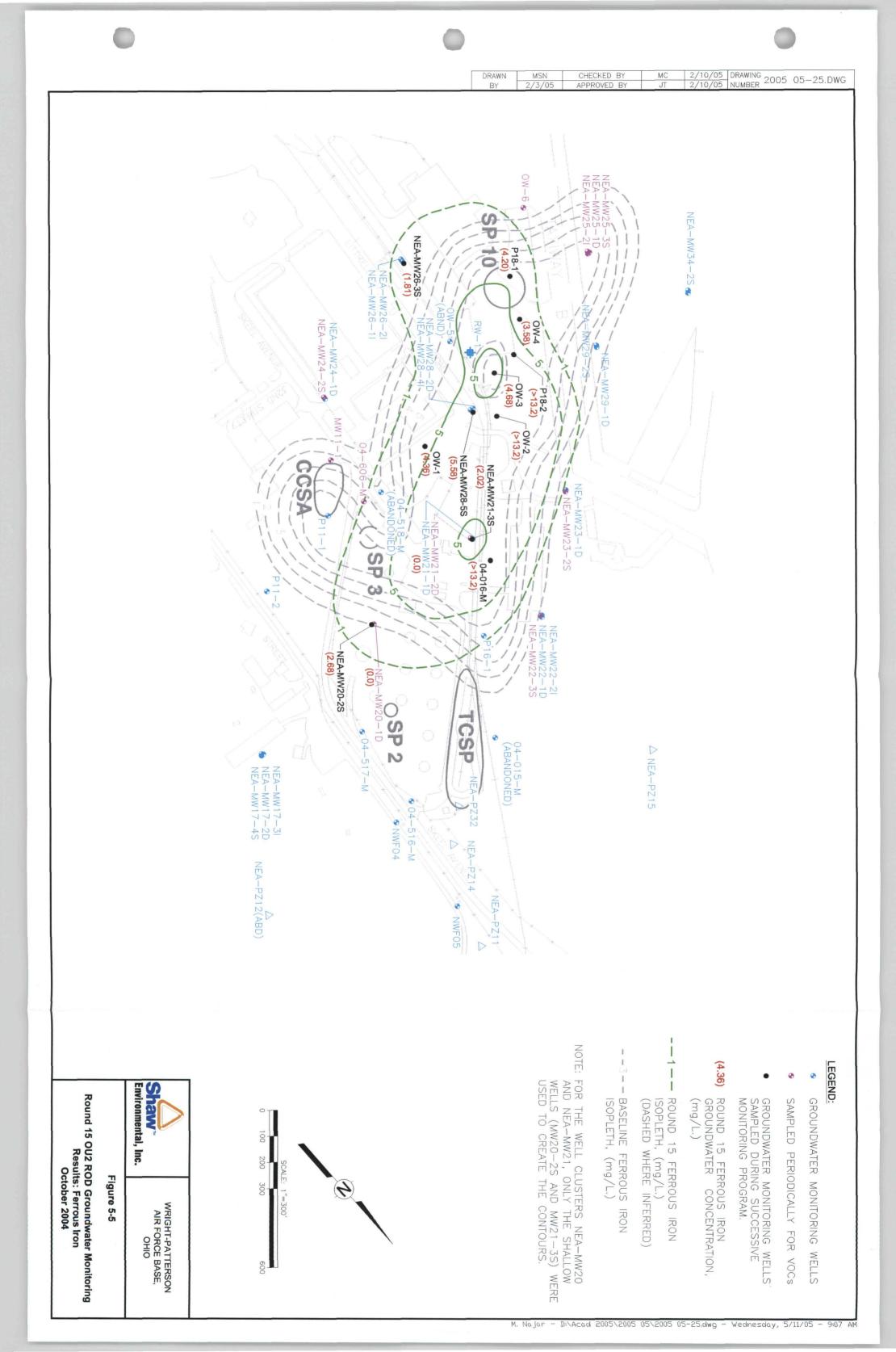


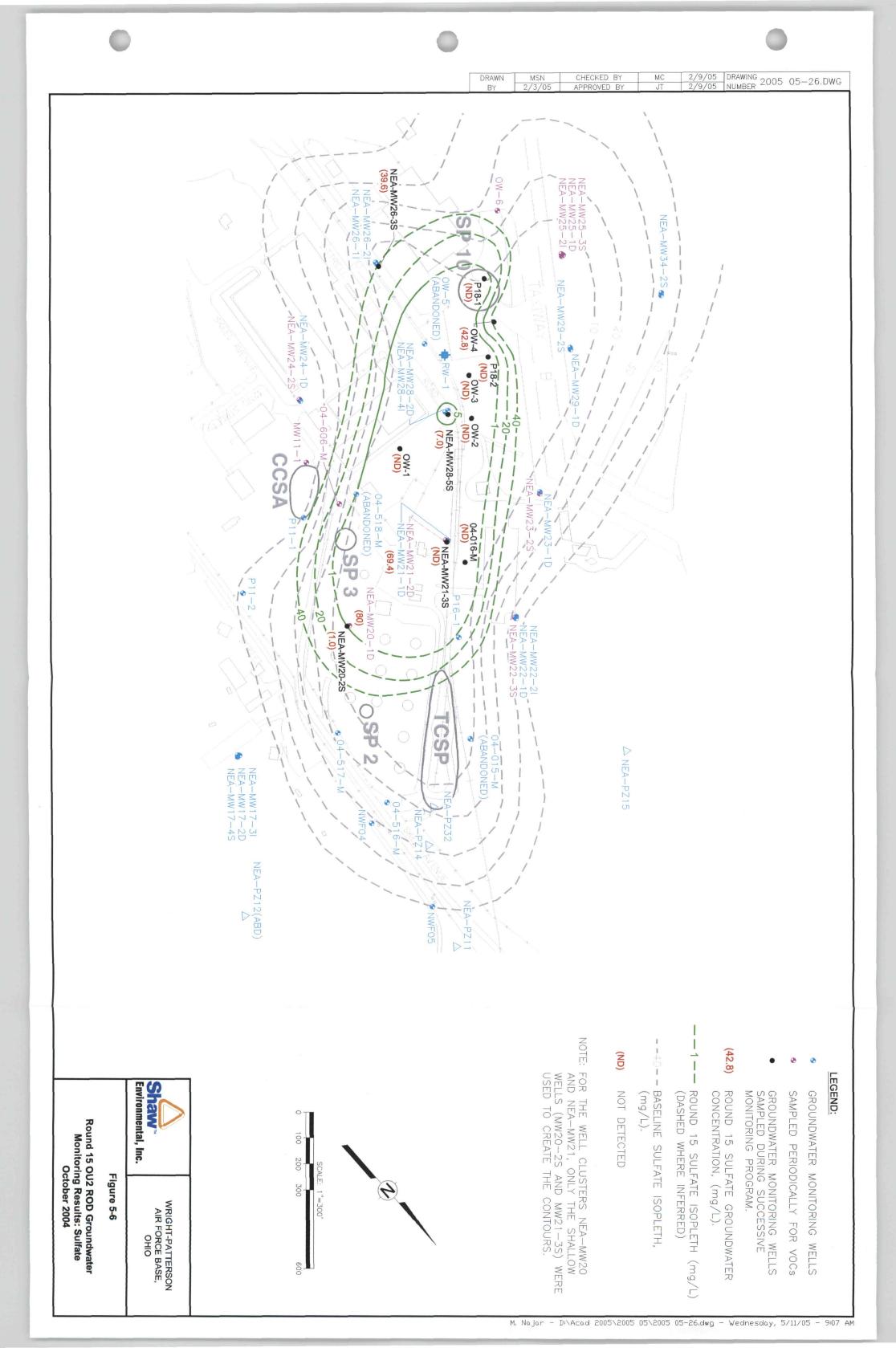


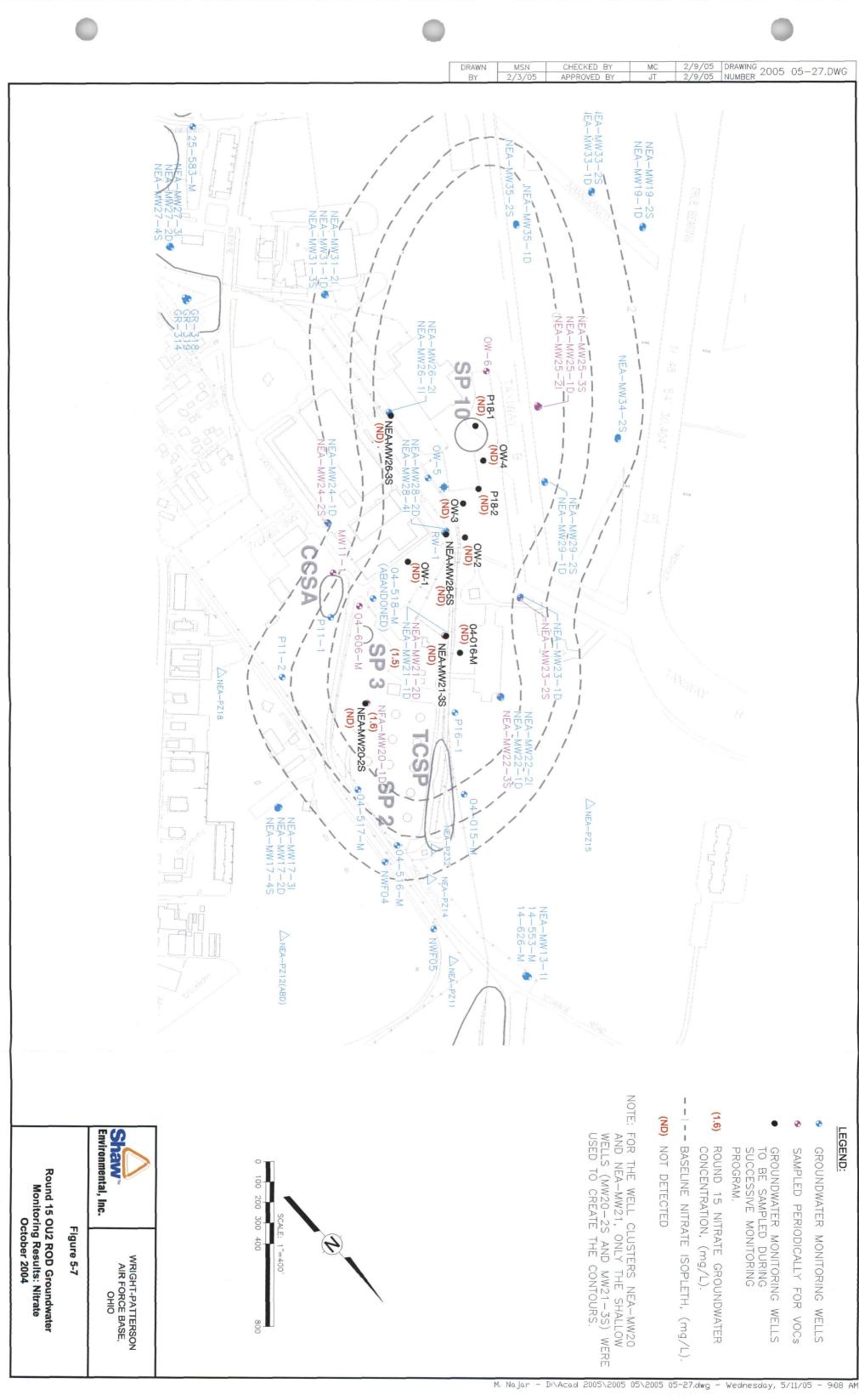


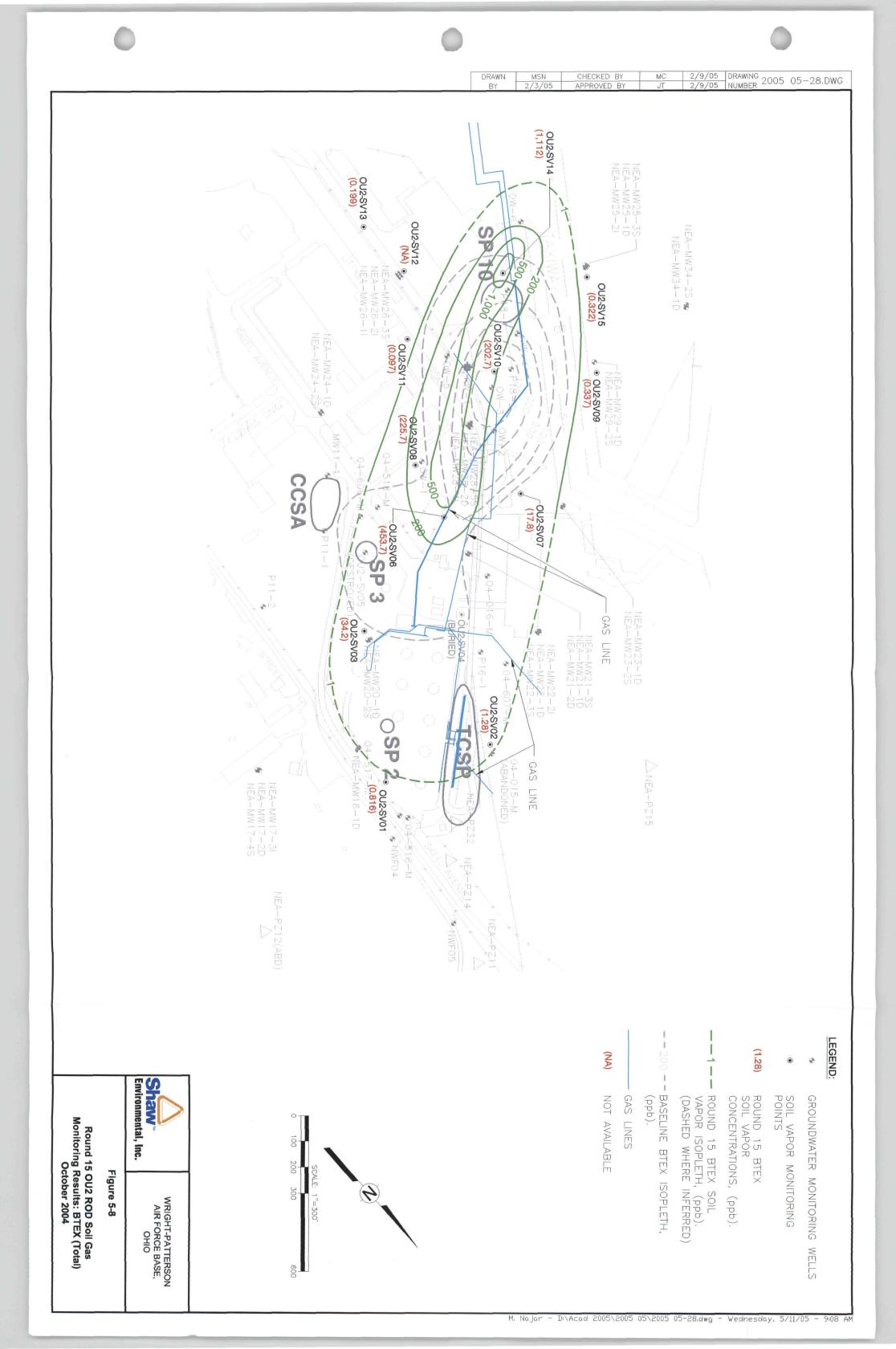


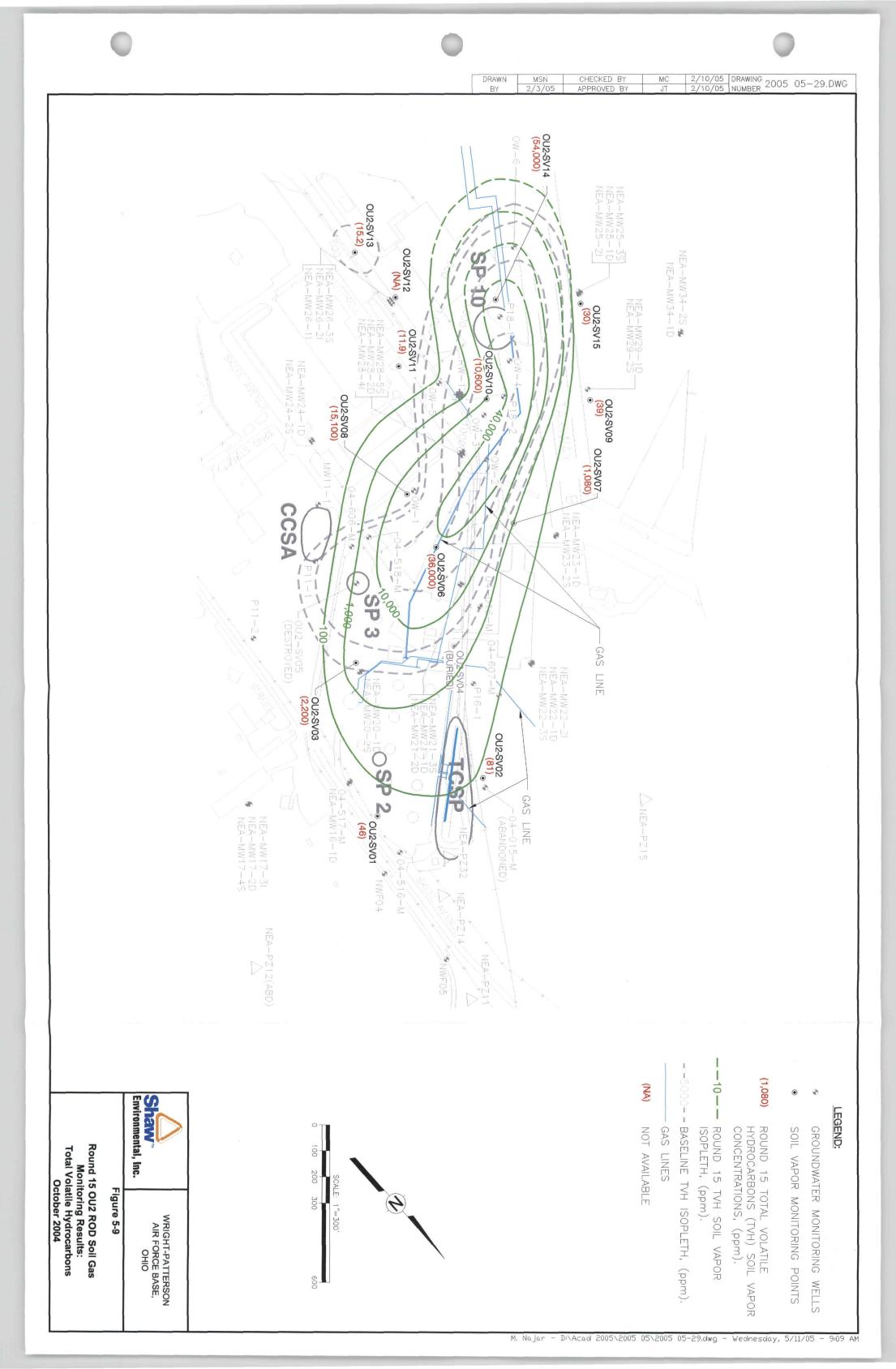




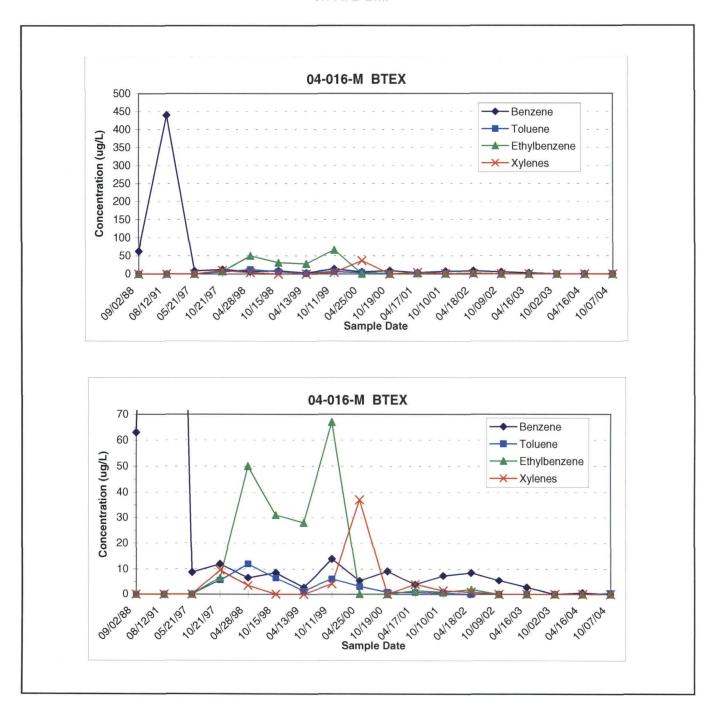






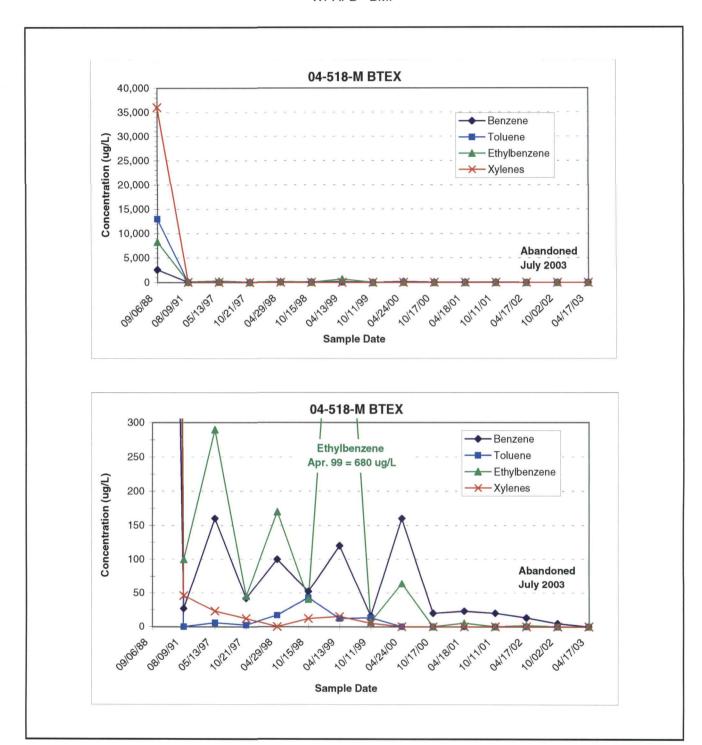


WELL: 04-016-M WPAFB-BMP



BTEX concentrations from samples after 1991 are plotted on the bottom graph, at a larger scale to show the variations in concentrations.

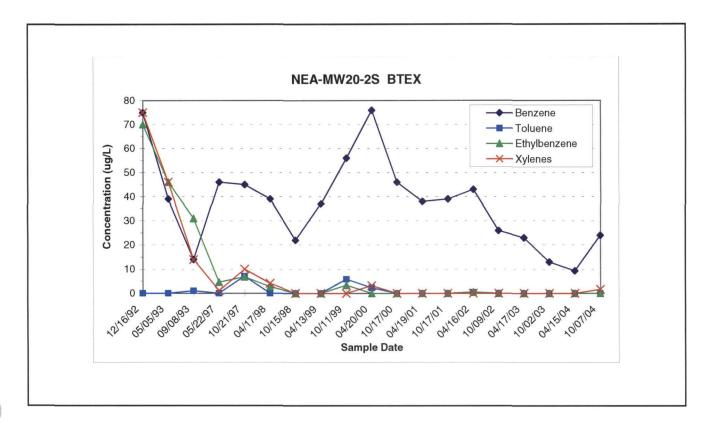
WELL: 04-518-M WPAFB - BMP



BTEX concentrations from samples after 1988 are plotted on the bottom graph, at a larger scale to show the variations in concentrations.

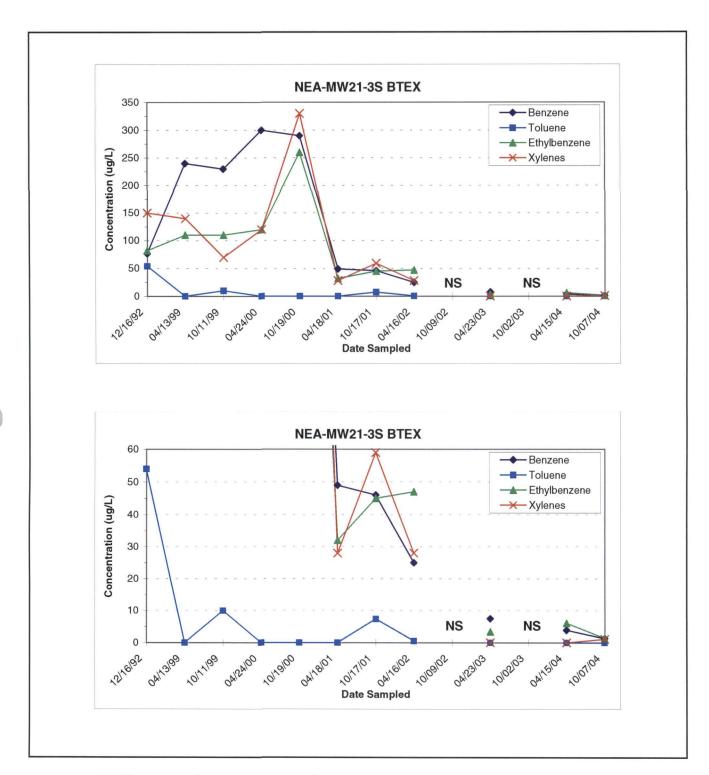
## OU2 HYDROCARBON CONCENTRATION GRAPHS WELL: NEA-MW20-2S

WPAFB - BMP



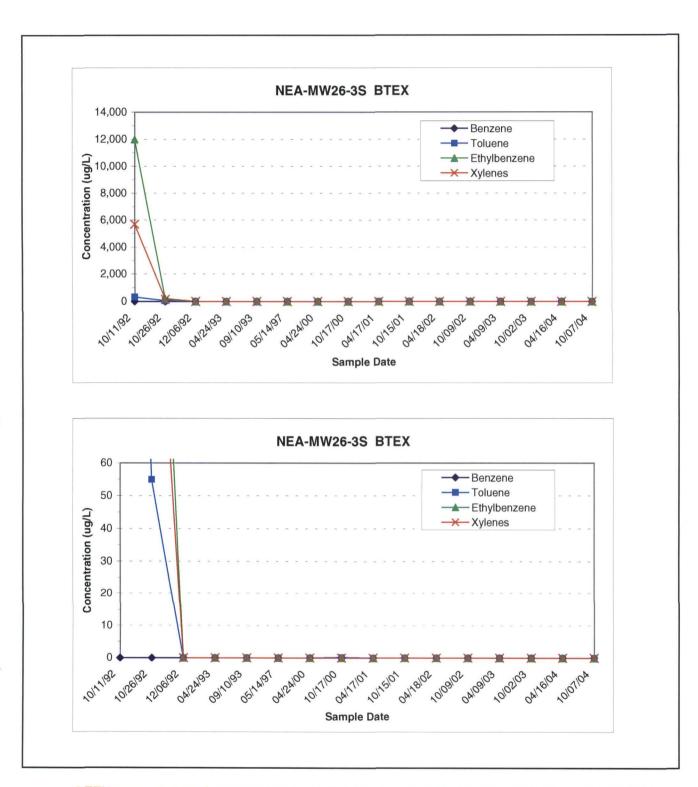
# OU2 HYDROCARBON CONCENTRATION GRAPHS WELL: NEA-MW21-3S





BTEX concentrations from samples after 1988 are plotted on the bottom graph, at a larger scale to show the variations in concentrations.

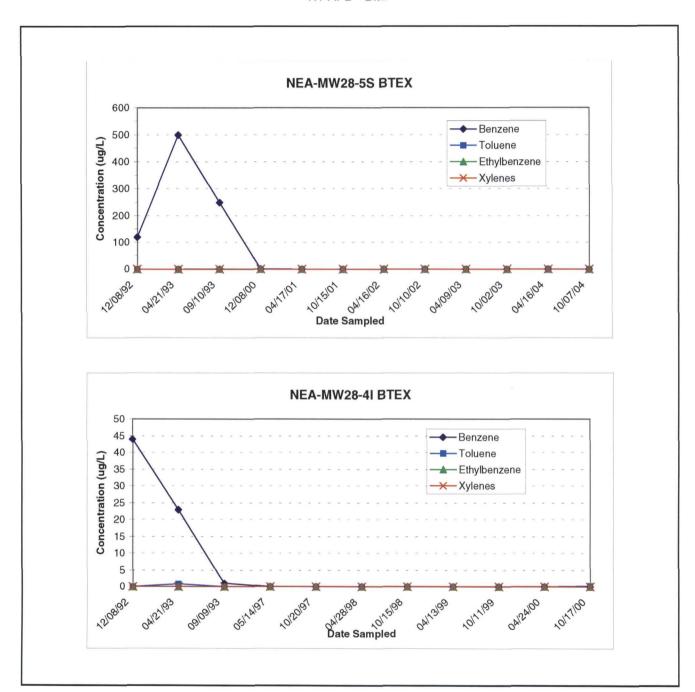
# OU2 HYDROCARBON CONCENTRATION GRAPHS WELL: NEA-MW26-3S WPAFB-BMP



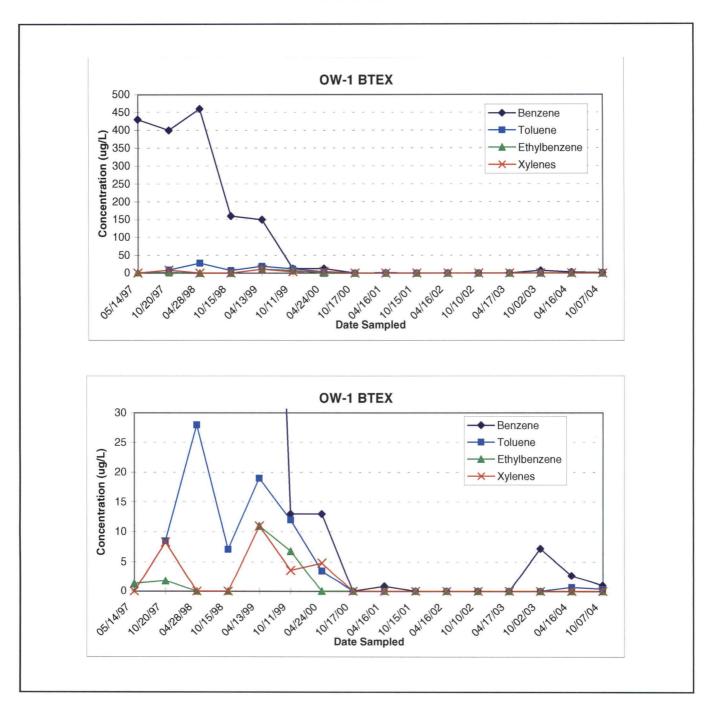
BTEX concentrations from samples after 1988 are plotted on the bottom graph, at a larger scale to show the variations in concentrations.

## OU2 HYDROCARBON CONCENTRATION GRAPHS WELLS: NEA-MW28-5S and NEA-MW-28-4I

WPAFB - BMP

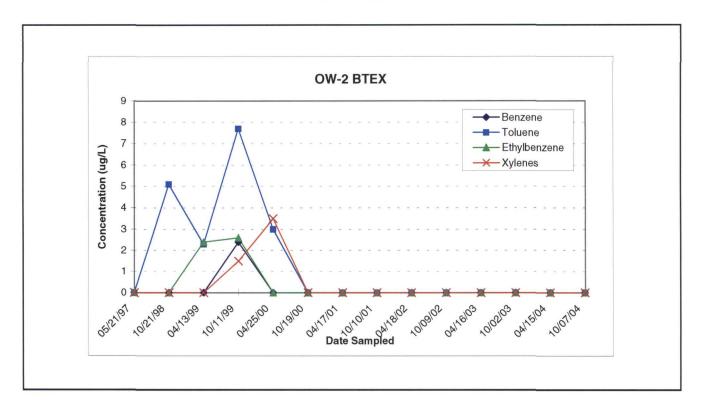


WELL: OW-1 WPAFB-BMP

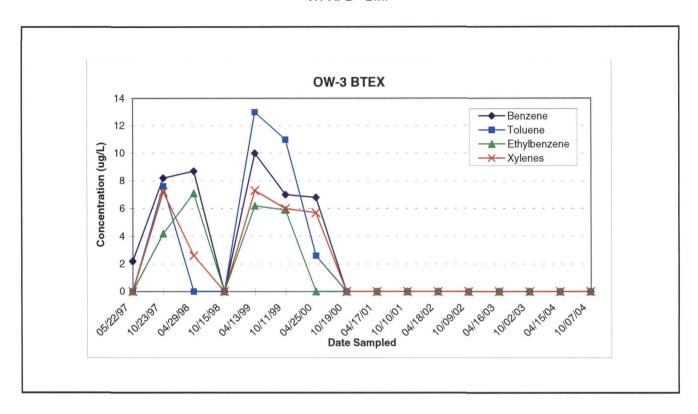


BTEX concentrations are plotted on the bottom graph, at a larger scale to show the variations in concentrations.

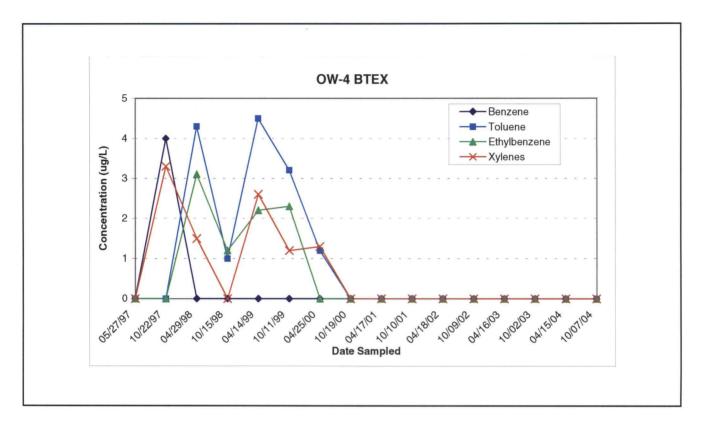
WELL: OW-2 WPAFB - BMP



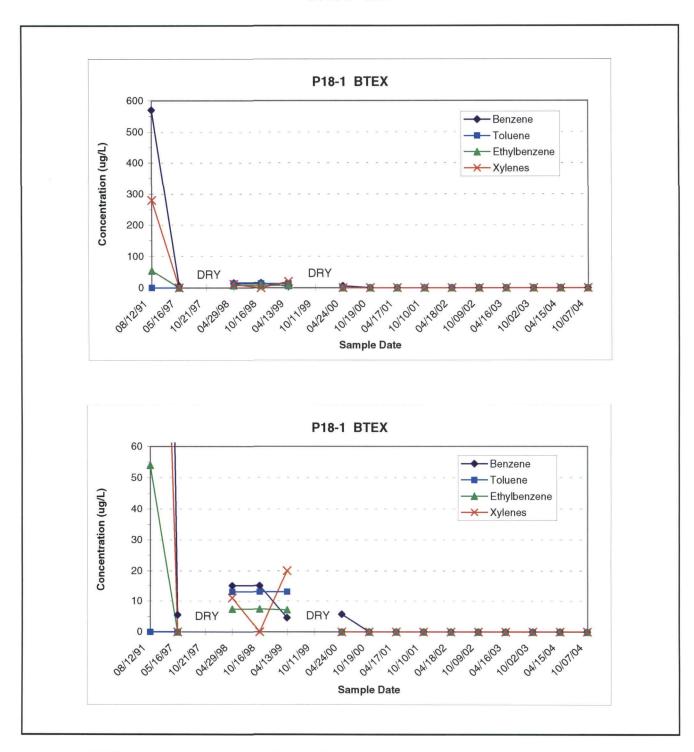
WELL: OW-3 WPAFB - BMP



WELL: OW-4 WPAFB - BMP



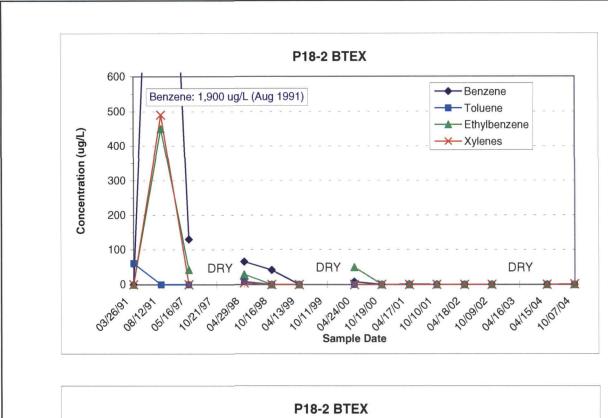
WELL: P18-1 WPAFB - BMP

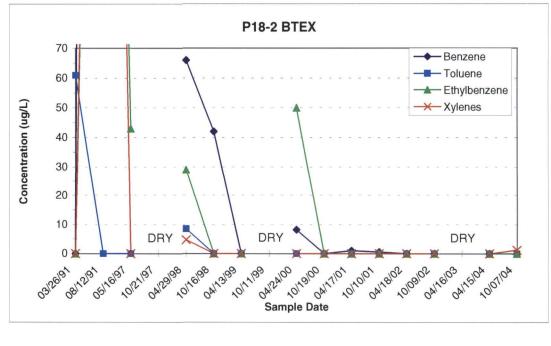


BTEX concentrations are plotted on the bottom graph, at a larger scale to show the variations in concentrations.

### **OU2 HYDROCARBON CONCENTRATION GRAPHS**

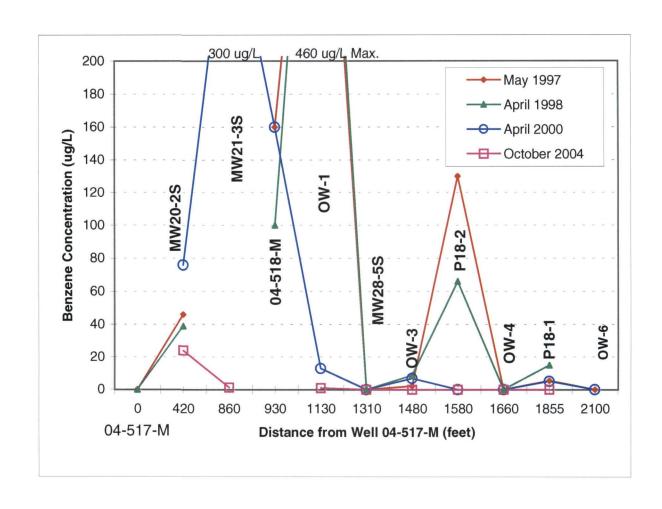
WELL: P18-2 WPAFB - BMP

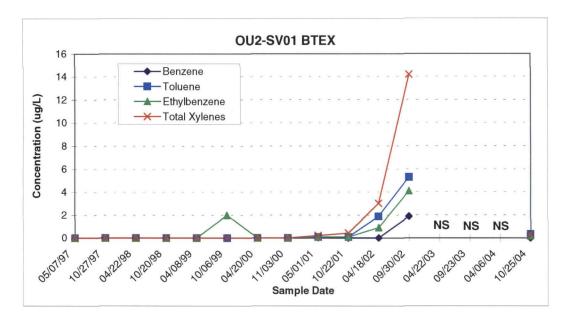


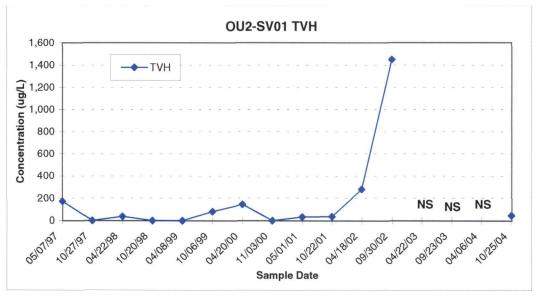


BTEX concentrations are plotted on the bottom graph, at a larger scale to show the variations in concentrations.

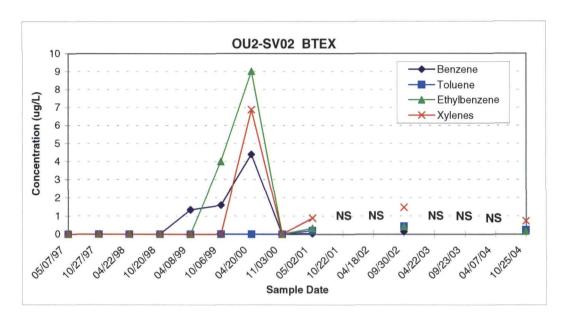
# OU2 Benzene Concentrations vs Downgradient Distance From Well 04-517-M WPAFB-BMP

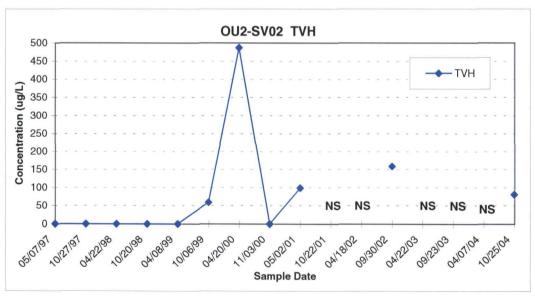


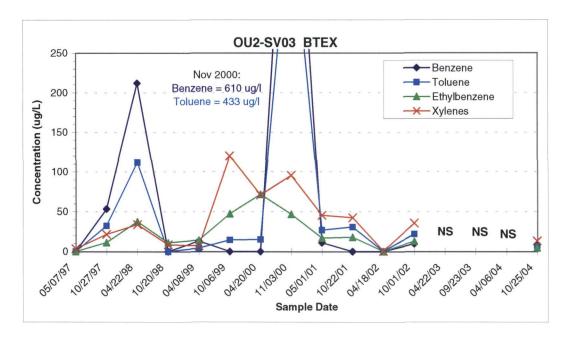


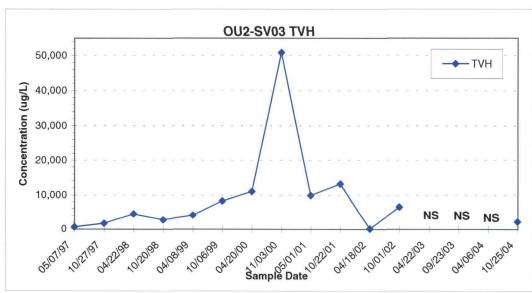


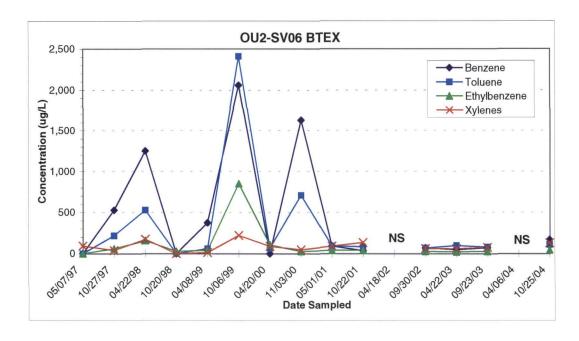
### OU2 SOIL VAPOR HYDROCARBON CONCENTRATION GRAPHS WELL: OU2-SV02 WPAFB - BMP

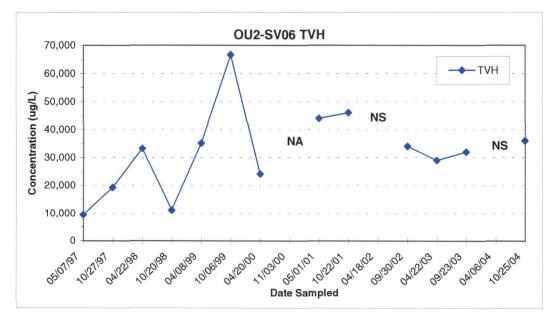


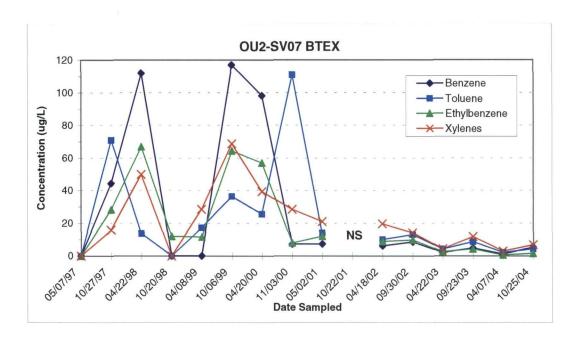


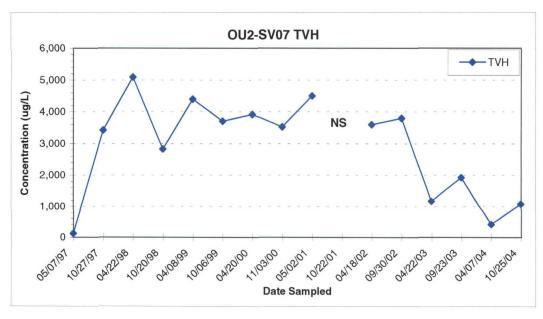




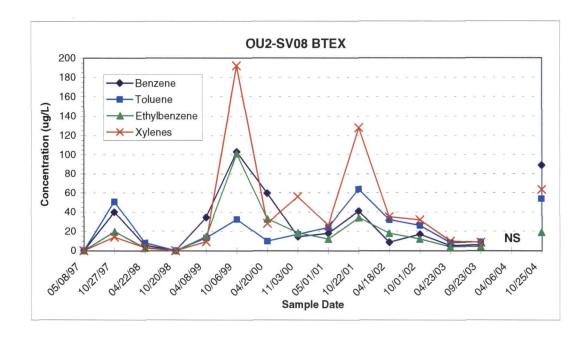


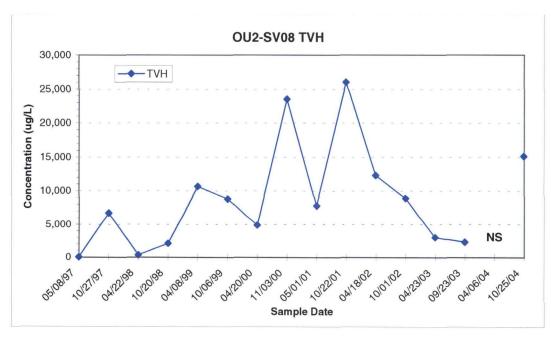




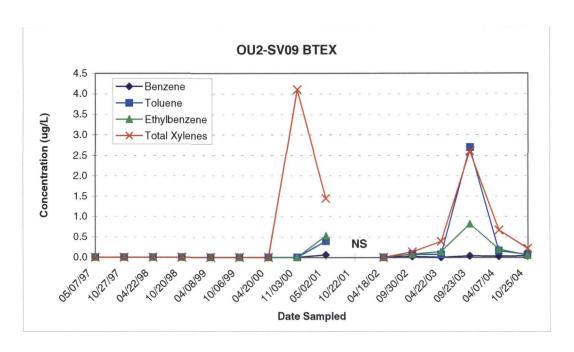


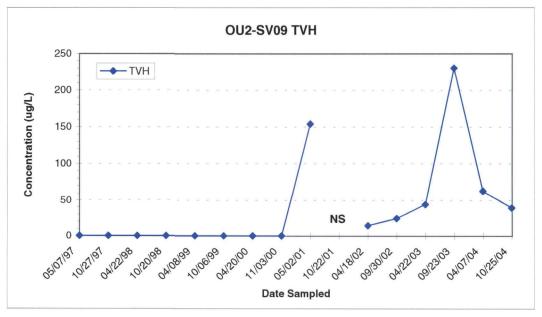
### OU2 SOIL VAPOR HYDROCARBON CONCENTRATION GRAPHS WELL: OU2-SV08 WPAFB - BMP



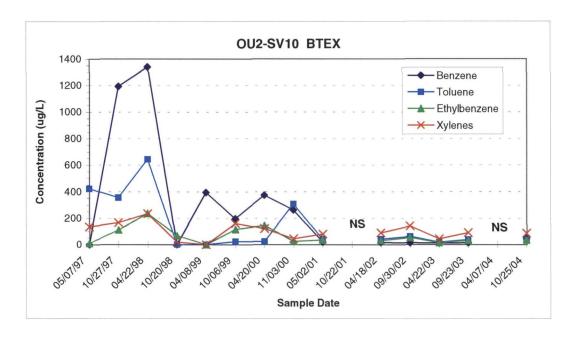


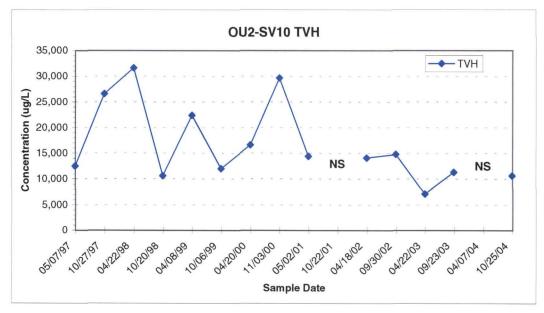
### OU2 SOIL VAPOR HYDROCARBON CONCENTRATION GRAPHS WELL: OU2-SV09 WPAFB - BMP

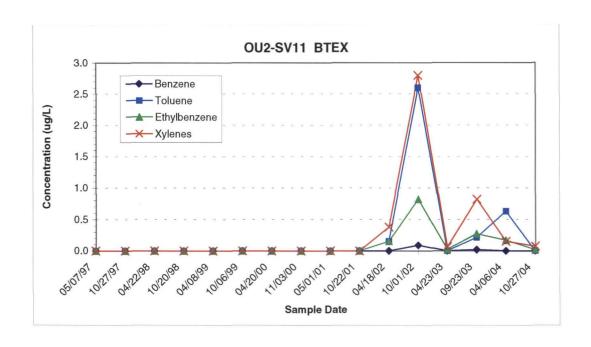


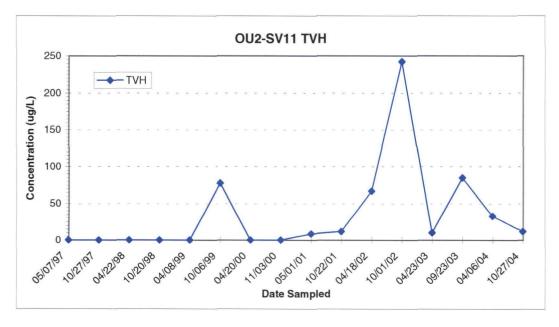


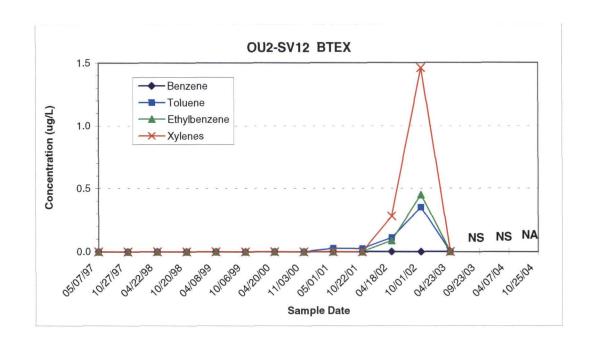
### OU2 SOIL VAPOR HYDROCARBON CONCENTRATION GRAPHS WELL: OU2-SV10 WPAFB - BMP

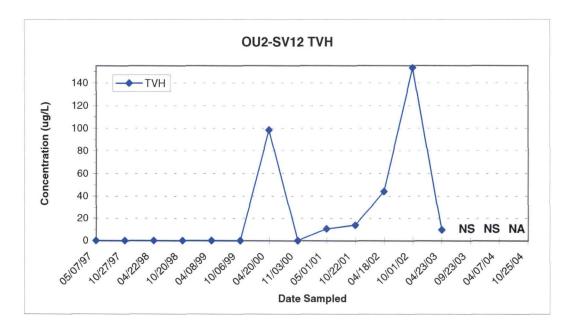




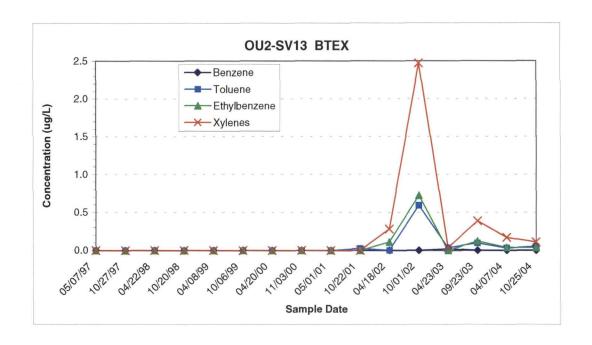


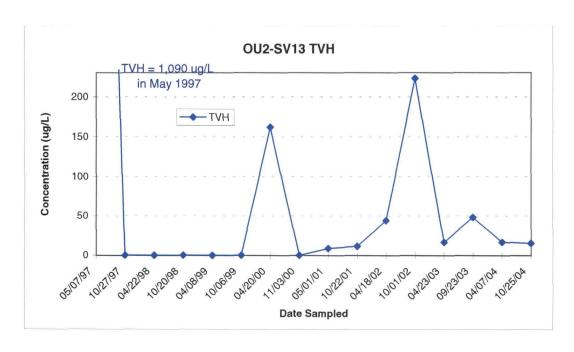


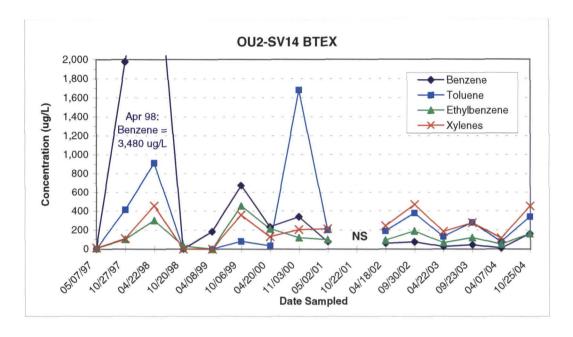


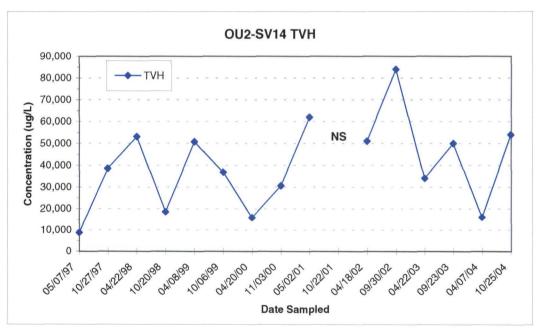


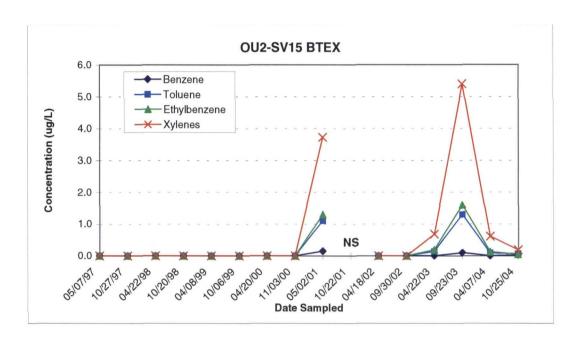
### OU2 SOIL VAPOR TOTAL HYDROCARBON CONCENTRATION GRAPHS WELL: OU2-SV13 WPAFB-BMP

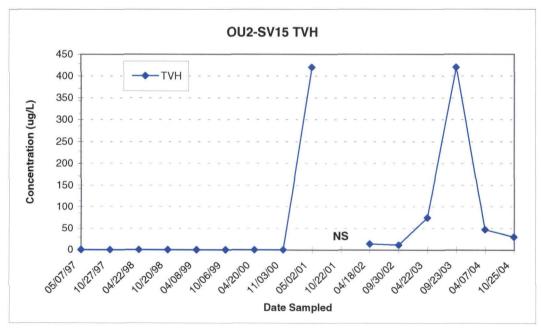




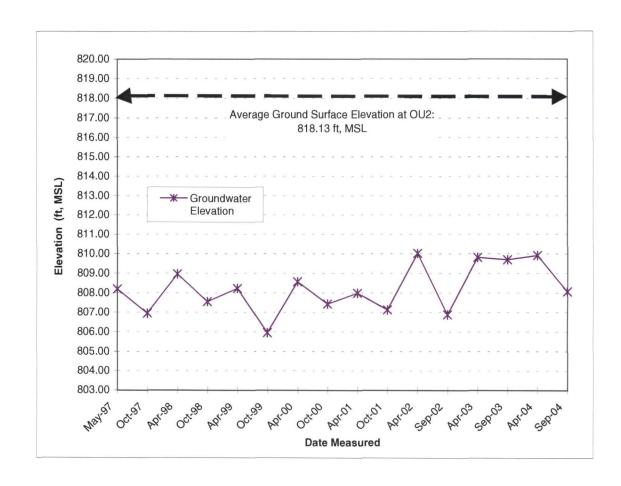


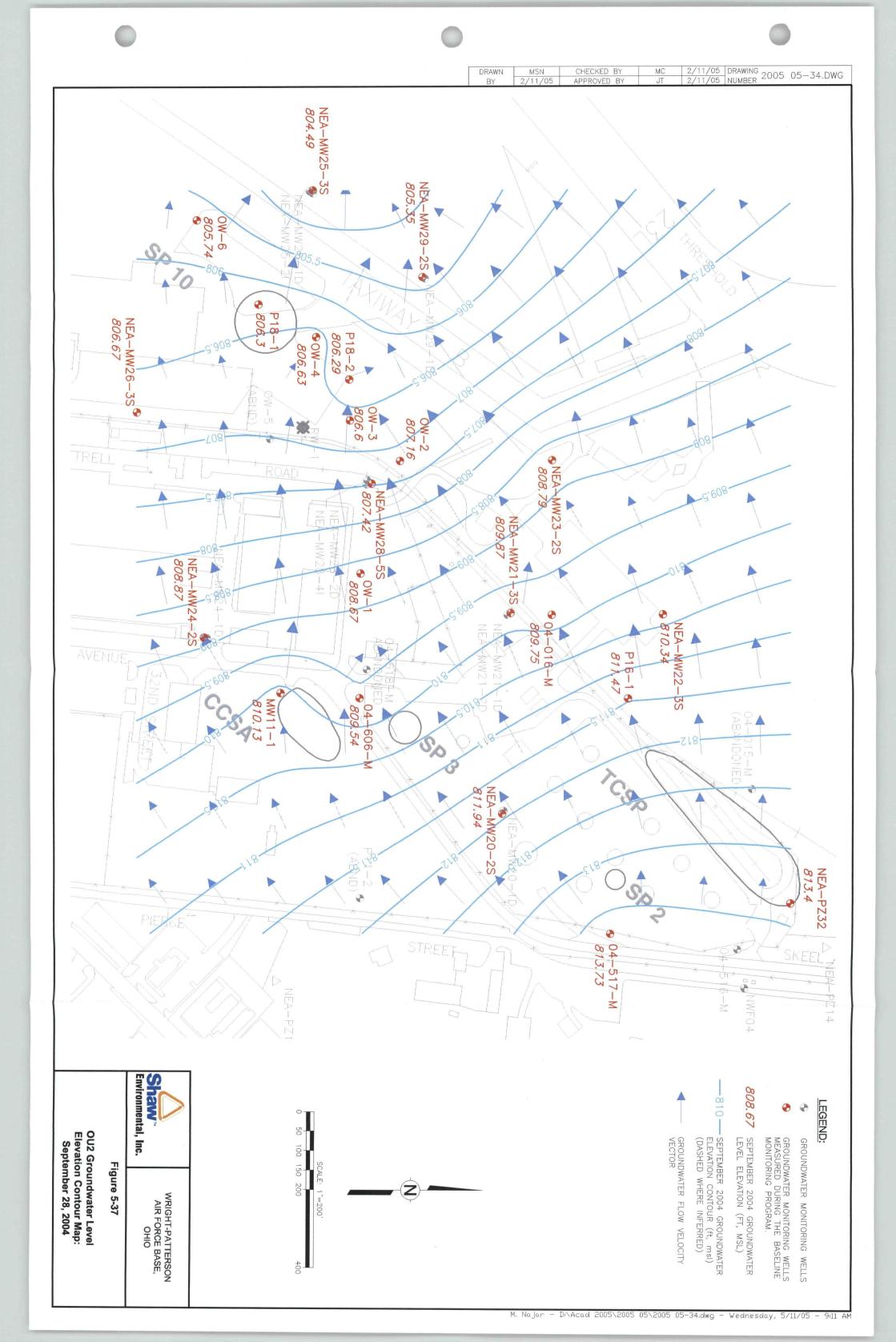


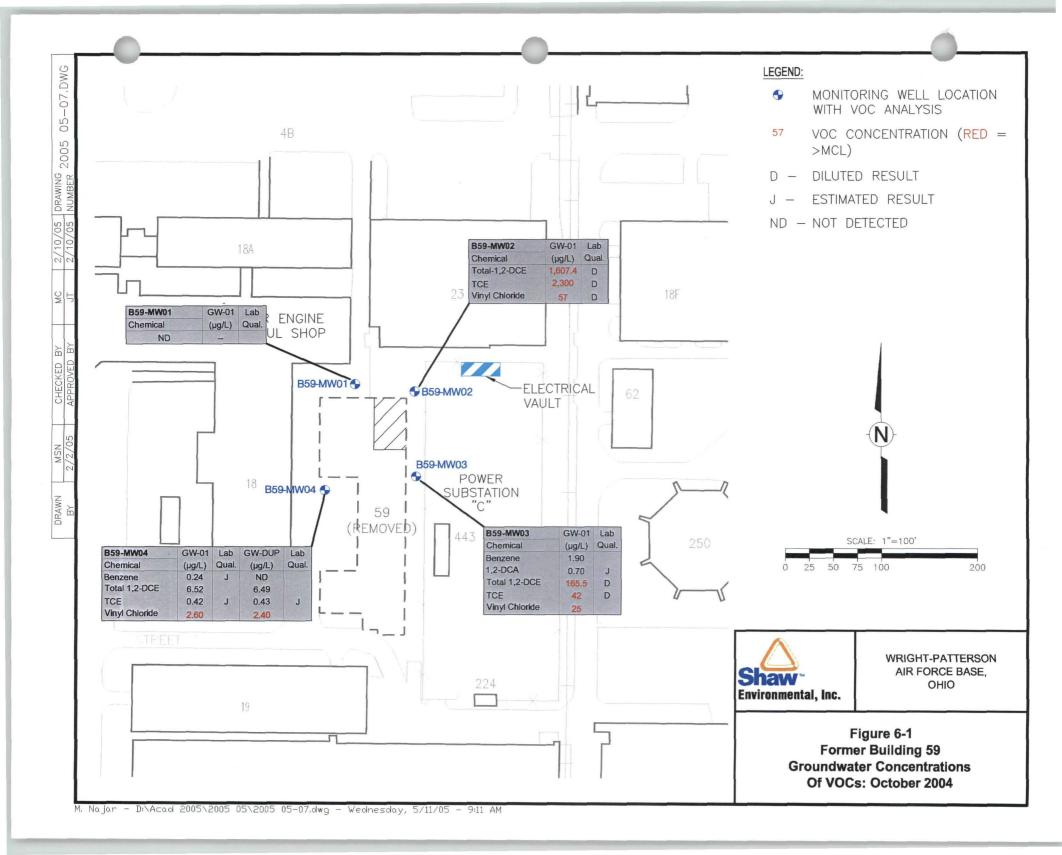


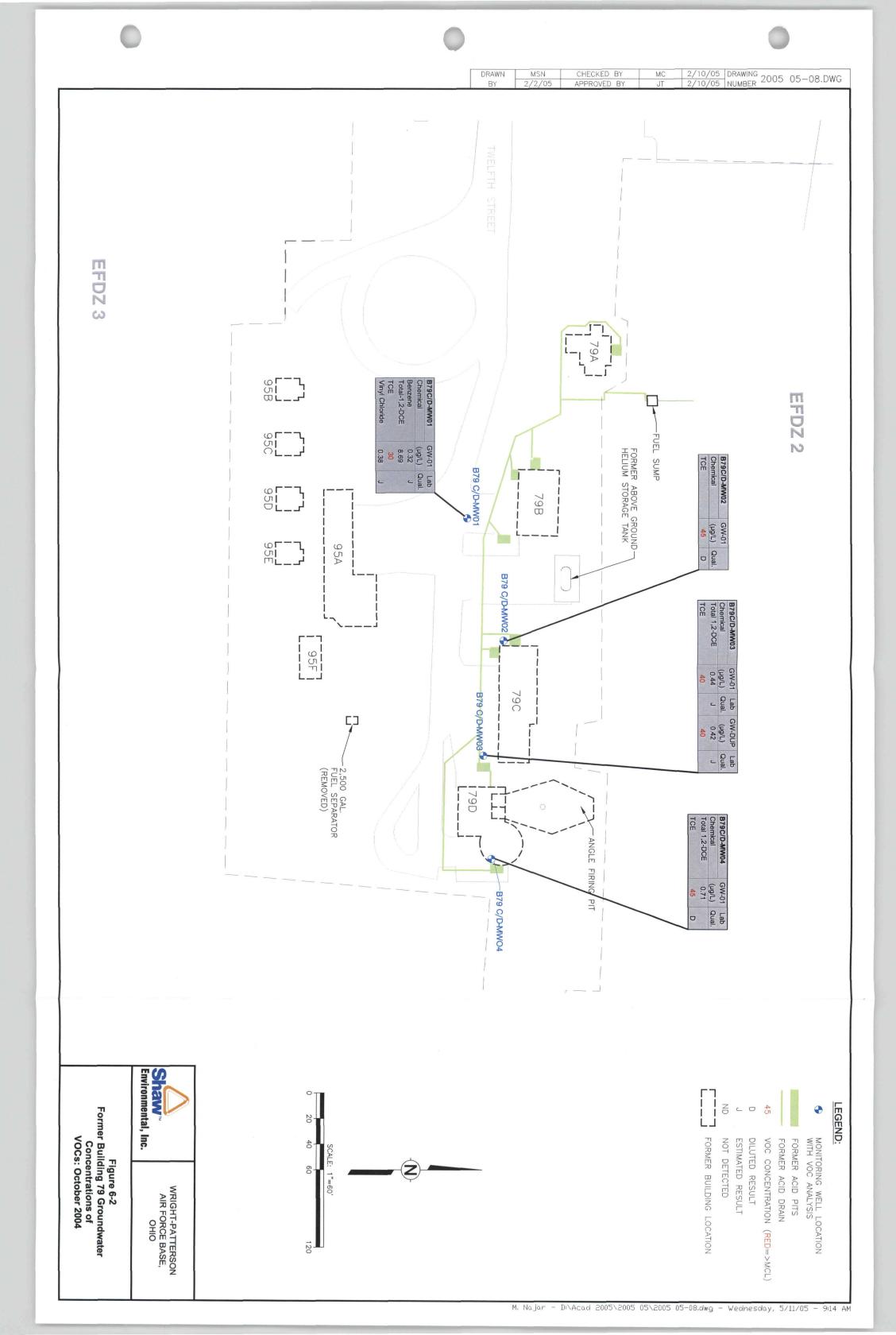


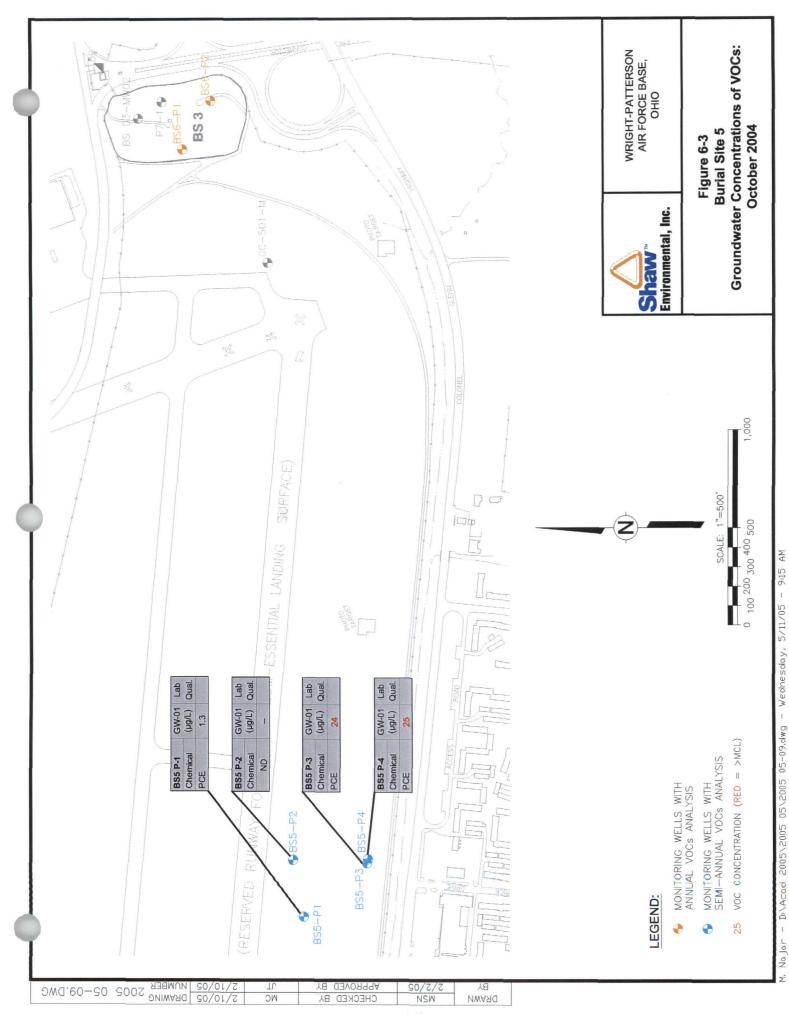
# OU2 Average Groundwater Elevations WPAFB-BMP

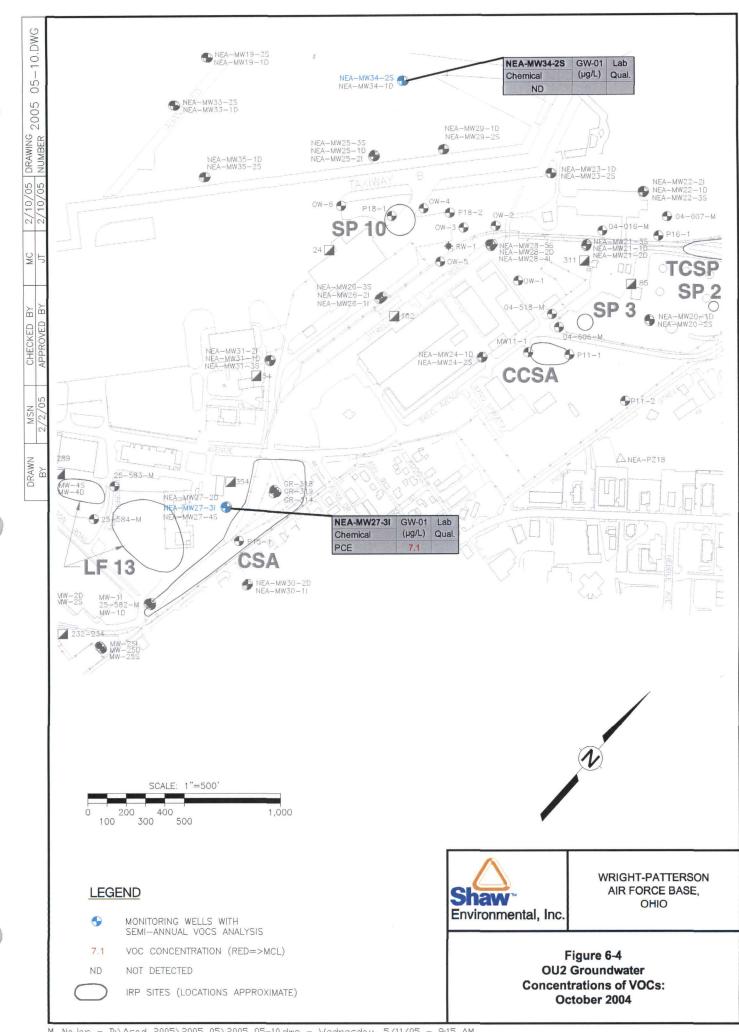


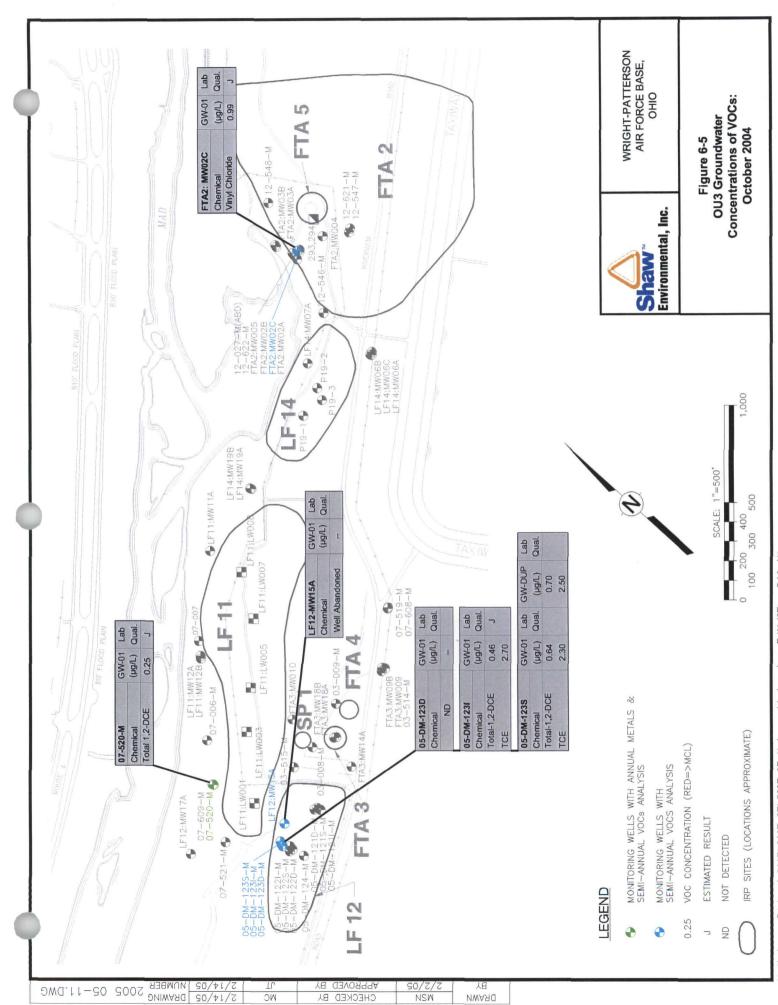




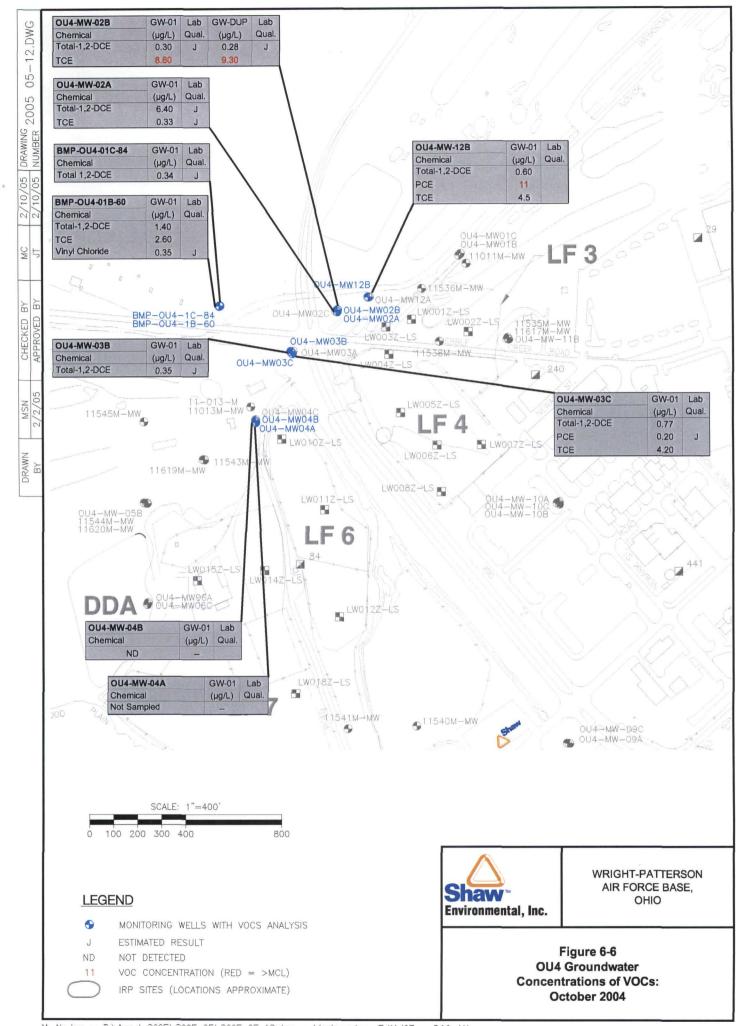


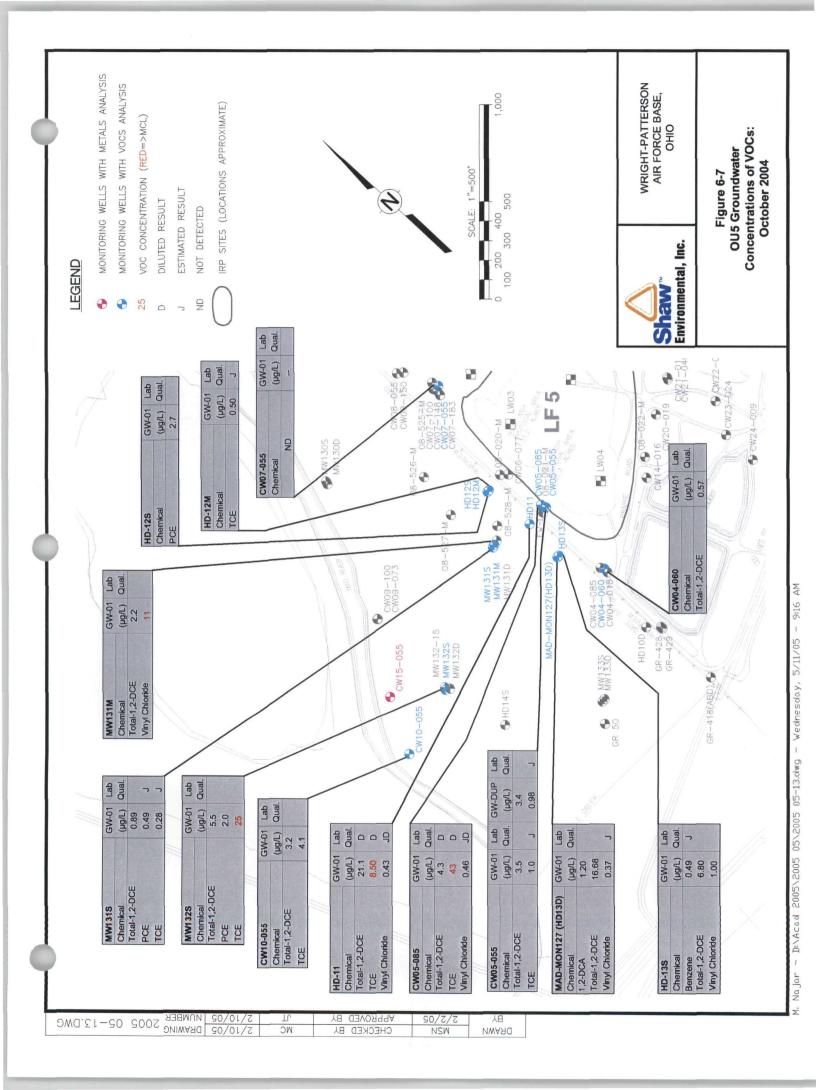


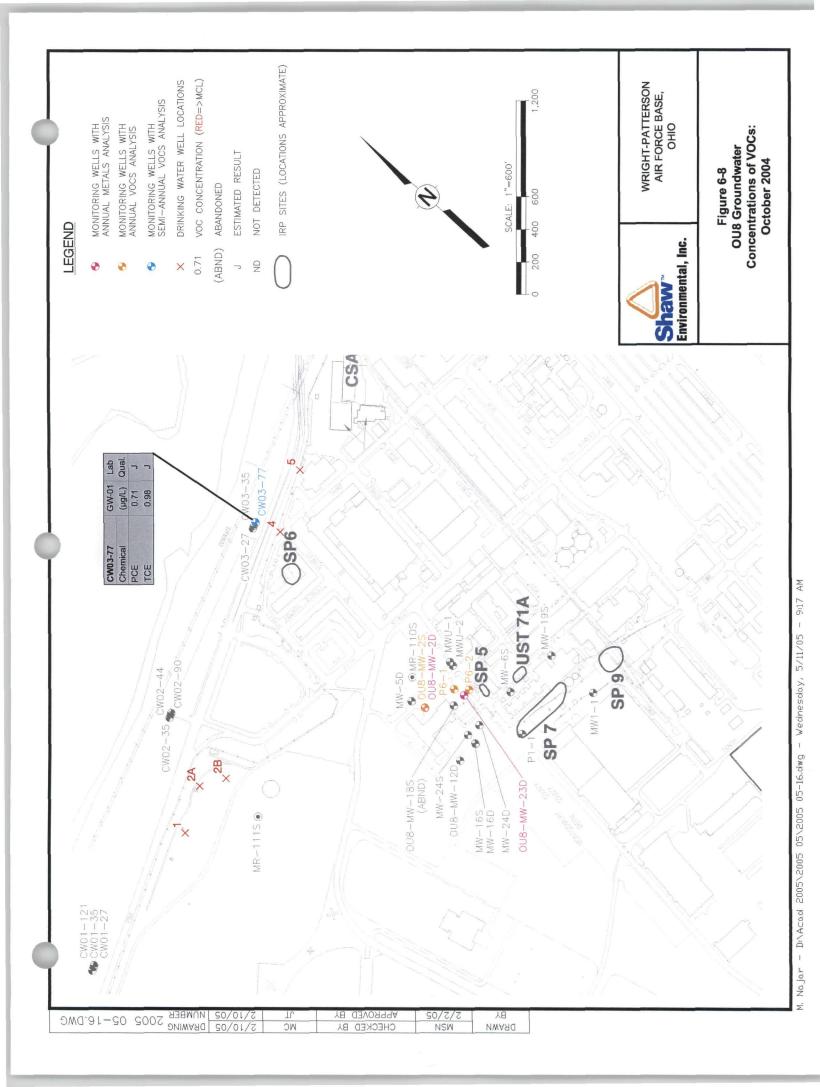


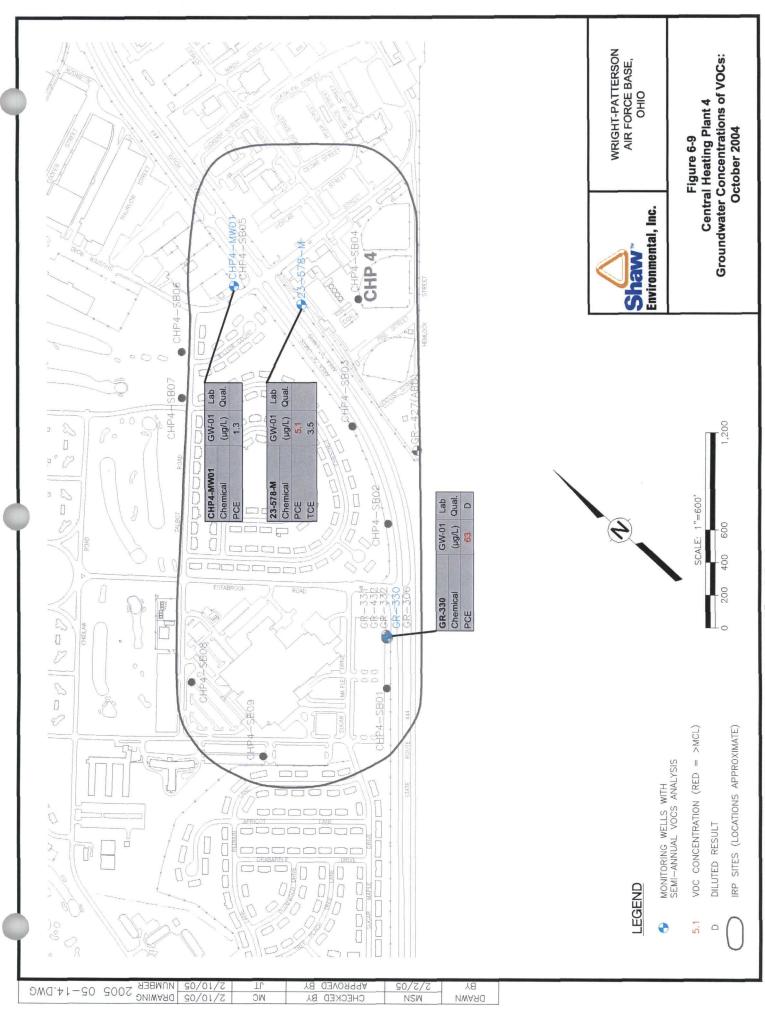


M. Najar - DilAcad 2005/2005 05/2005 05-11,dwg - Wednesday, 5/11/05 - 9:16 AM





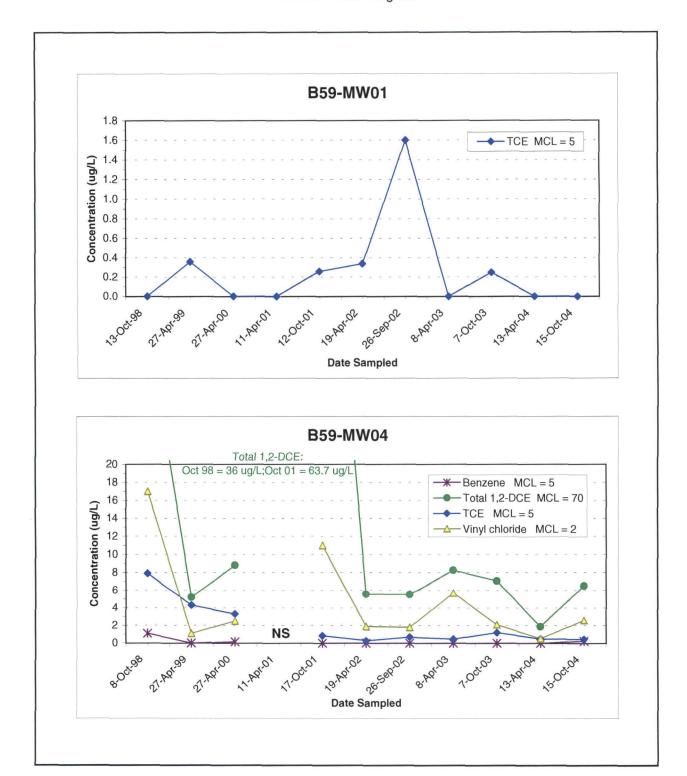




M. Najar - Di\Acad 2005\2005 05\2005 05\14.dwg - Wednesday, 5/11/05 - 917 AM



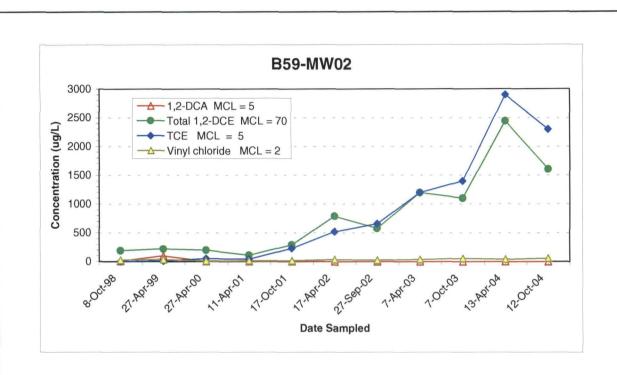
# **LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern** Building 59: Wells B59-MW01 and B59-MW04

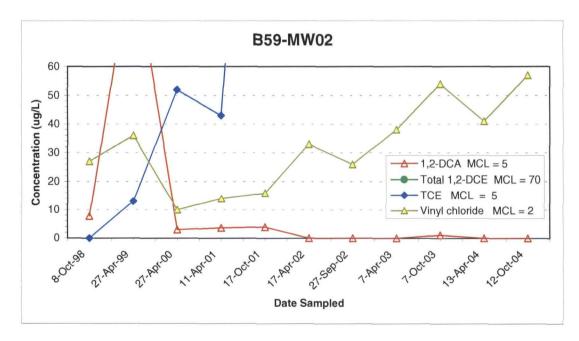


#### **LONG-TERM MONITORING GRAPHS:**

Chemicals of Primary Concern Building 59: Well B59-MW02

WPAFB - LTM Program

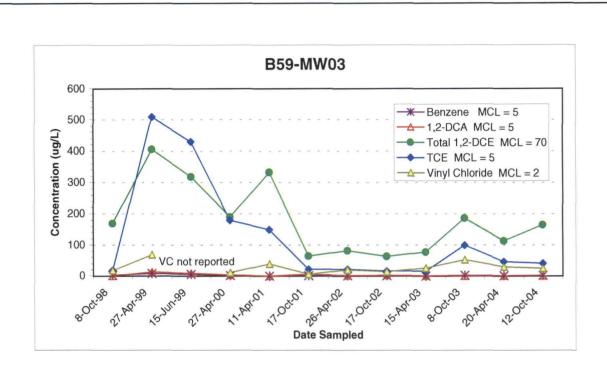


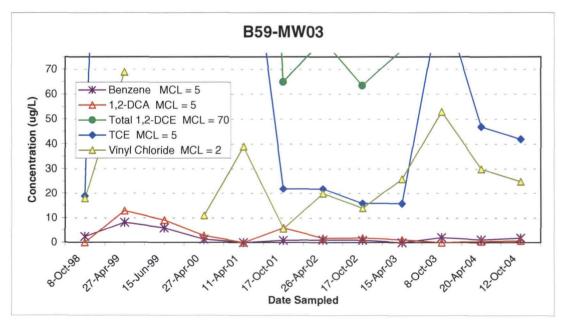


VOCs concentrations are plotted on the bottom graph, at a larger scale to show the variations in concentrations.

## LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern Building 59: Well B59-MW03

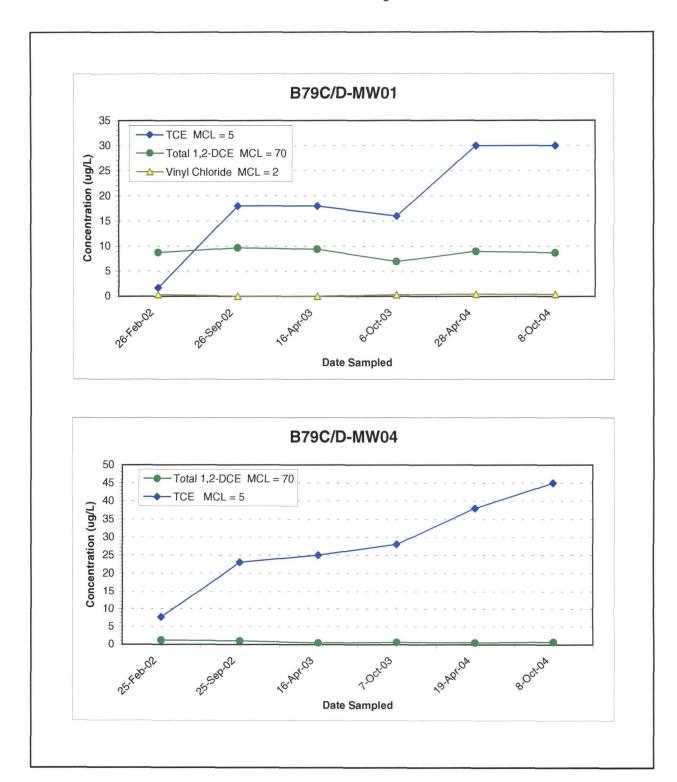
WPAFB - LTM Program





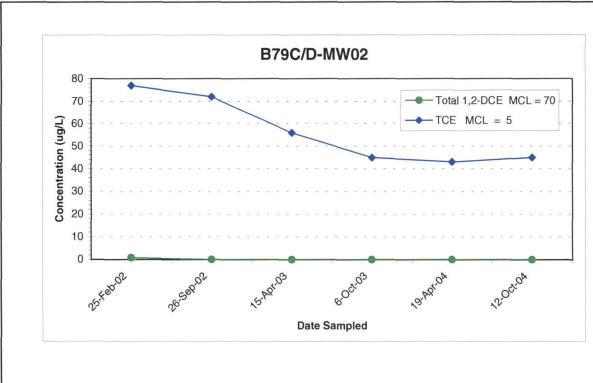
VOCs concentrations are plotted on the bottom graph, at a larger scale to show the variations in concentrations.

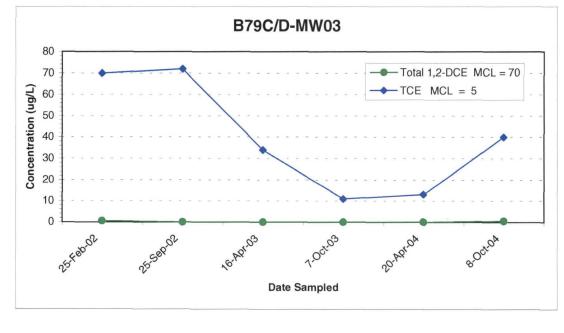
# LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern Building 79: Wells B79C/D-MW01 and B79C/D-MW04



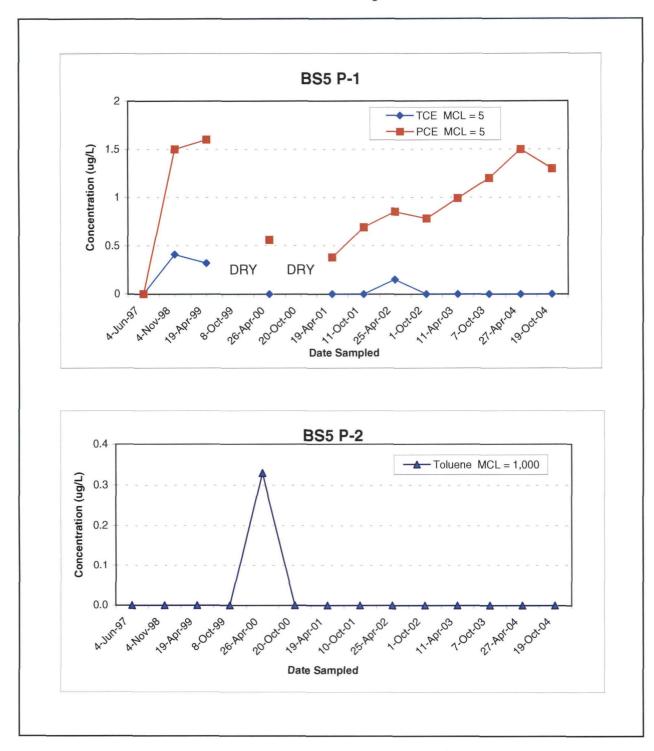
### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern

### Building 79: Wells B79C/D-MW02 and B79C/D-MW03



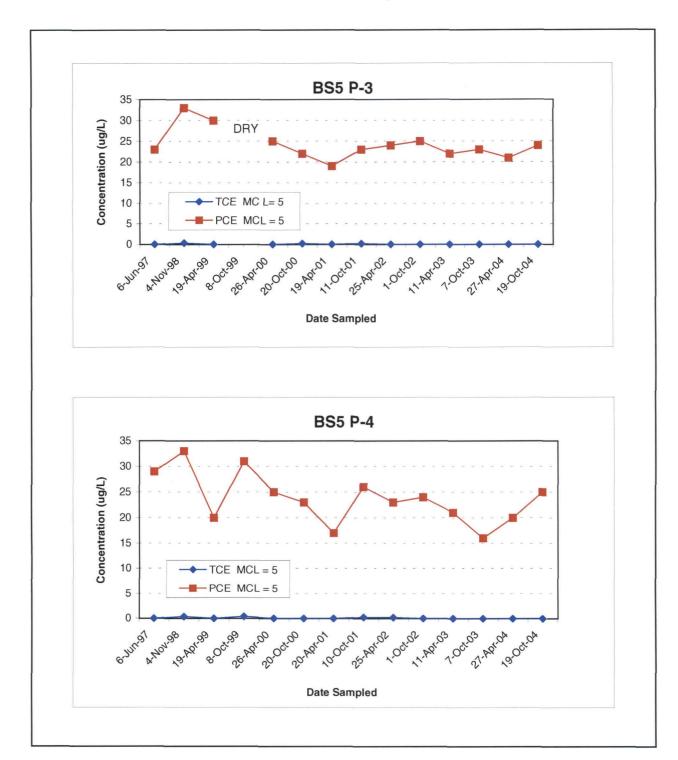


# LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern Burial Site 5: Wells BS5 P-1 and BS5 P-2



# **LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern** Burial Site 5: Wells BS5 P-3 and BS5 P-4

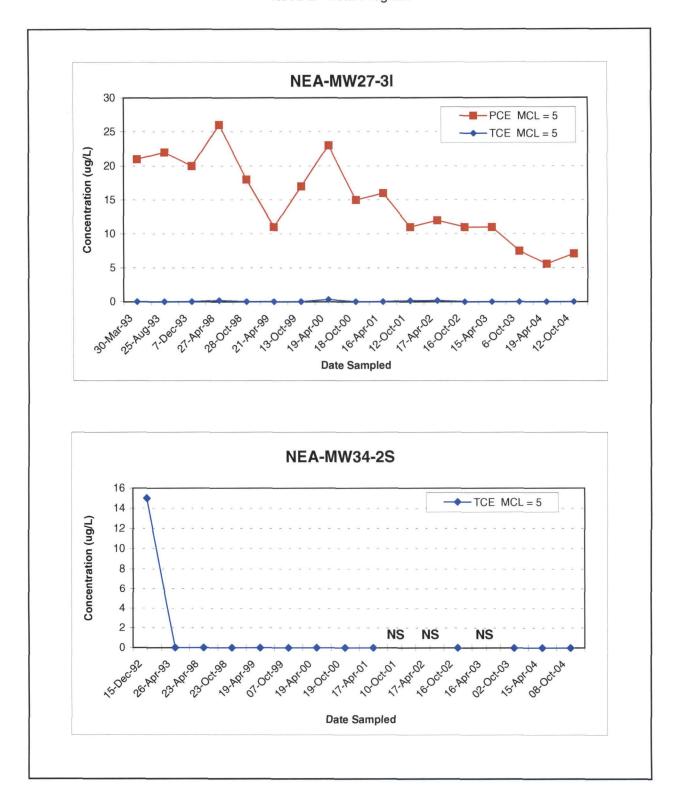




### **LONG-TERM MONITORING GRAPHS:**

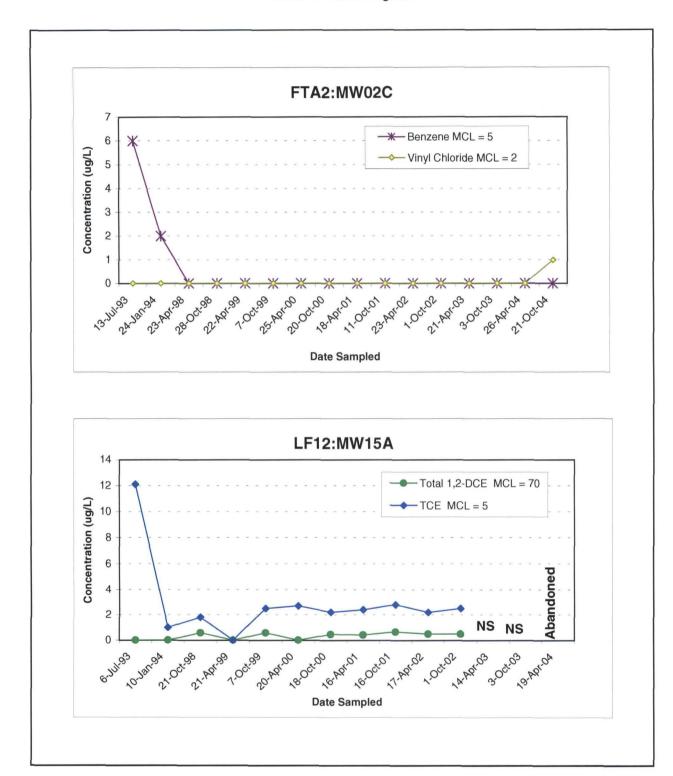
### **Chemicals of Primary Concern**

### OU2: Wells NEA-MW27-3I and NEA-MW34-2S



### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern

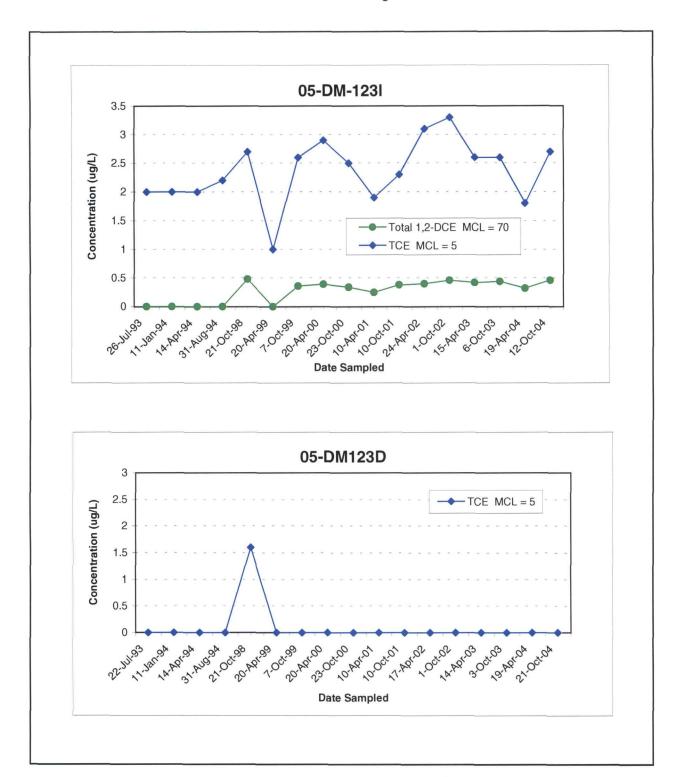
# OU3: Wells FTA2:MW02C and LF12:MW15A



#### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU3: Wells 07-520-M and 05-DM-123S WPAFB - LTM Program

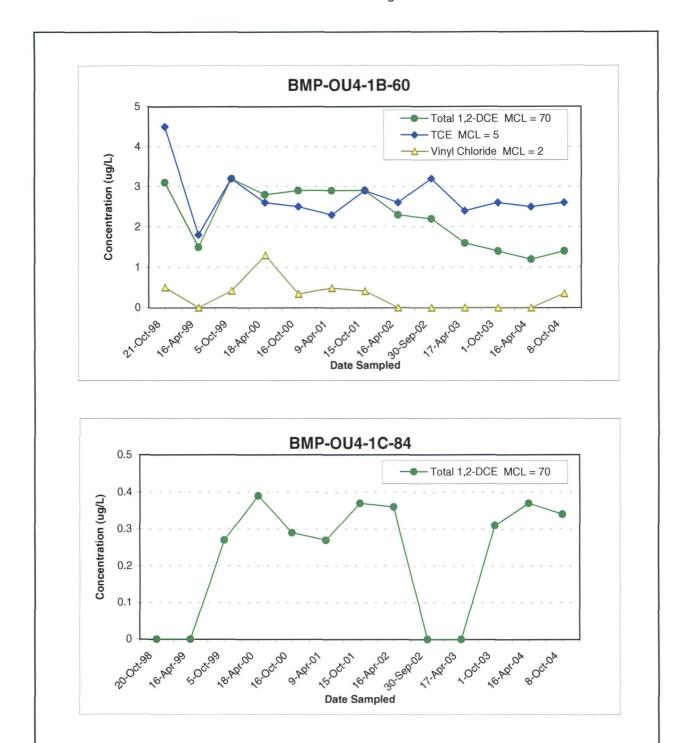


#### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU3: Wells 05-DM-123I and 05-DM-123D



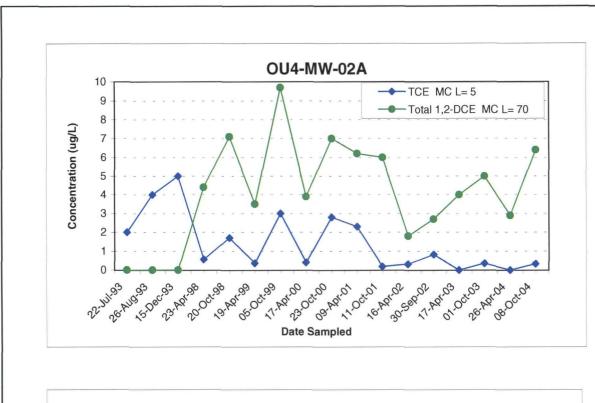
#### Chemicals of Primary Concern

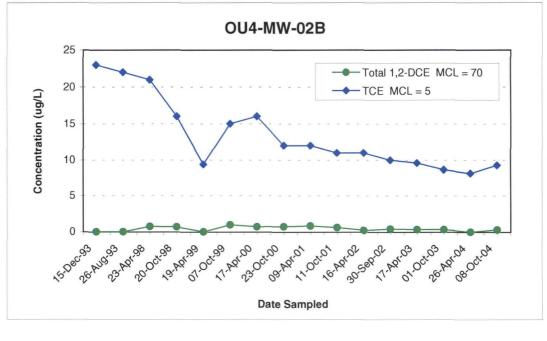
#### OU4: Wells BMP-OU4-1B-60 and BMP-OU4-1C-84



#### **Chemicals of Primary Concern**

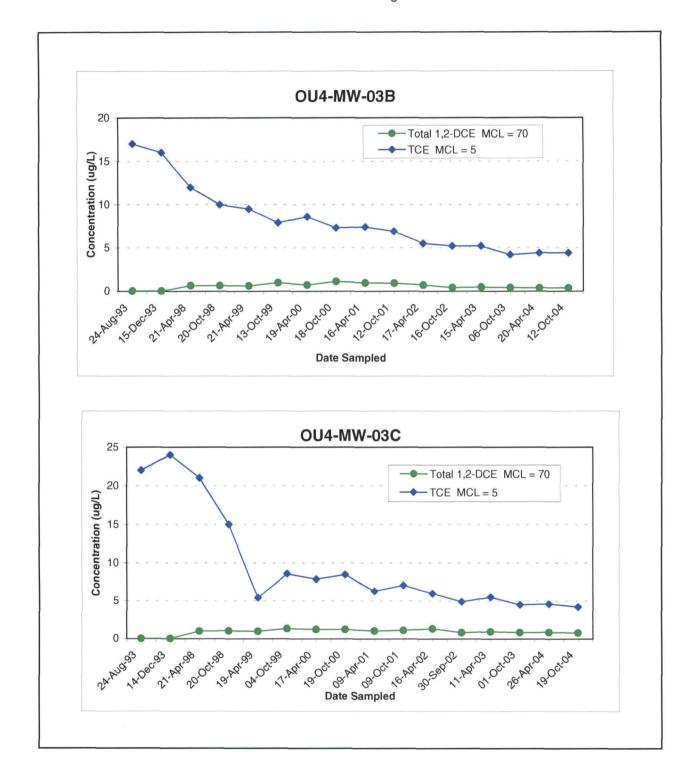
#### OU4: Wells OU4-MW-02A and OU4-MW-02B



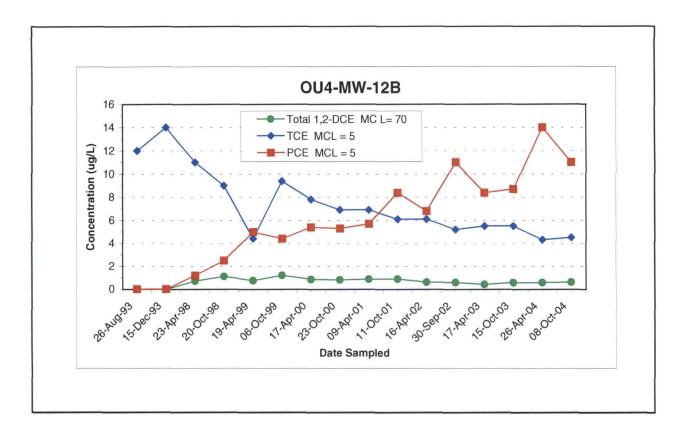


#### Chemicals of Primary Concern

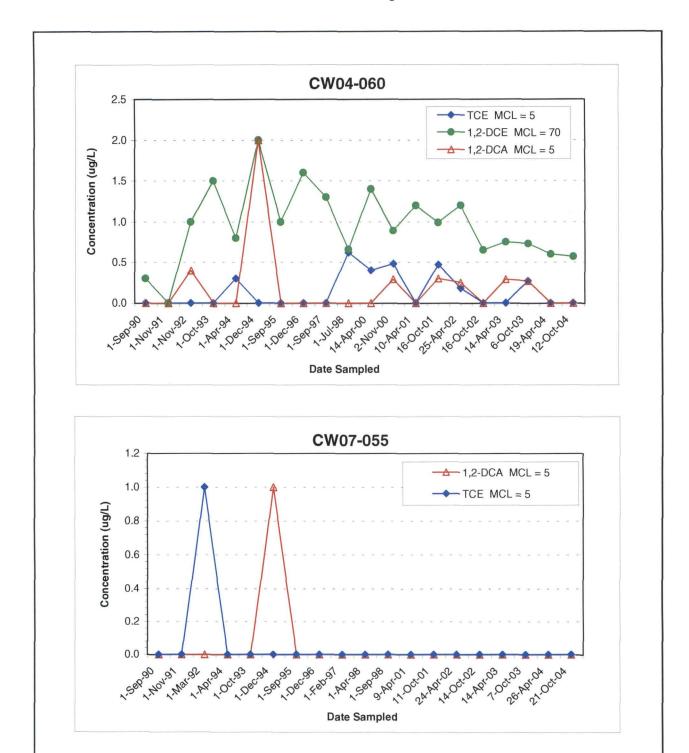
#### OU4: Wells OU4-MW-03B and OU4-MW-03C



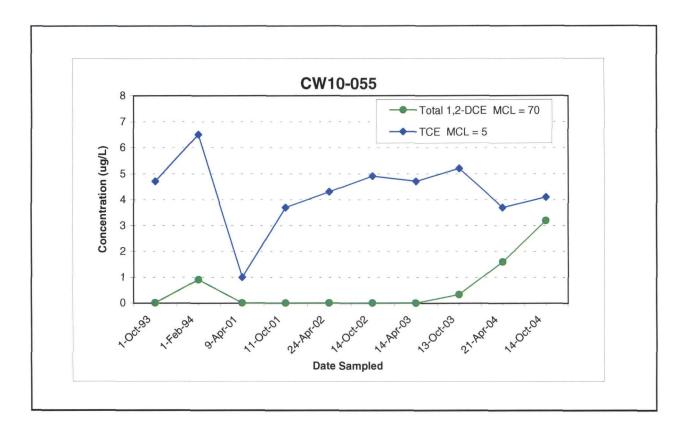
#### Chemicals of Primary Concern OU4: Well OU4-MW-12B



### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU5 (FAA-A): Wells CW04-060 and CW07-055

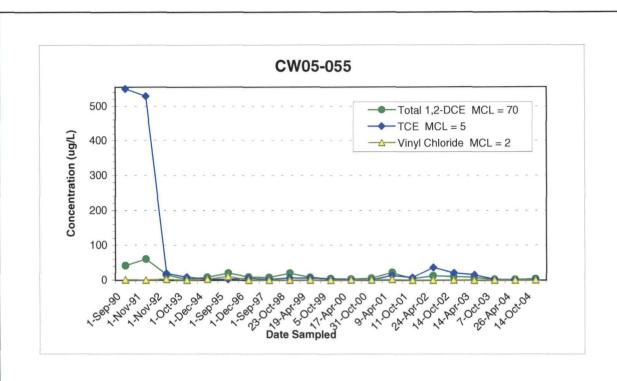


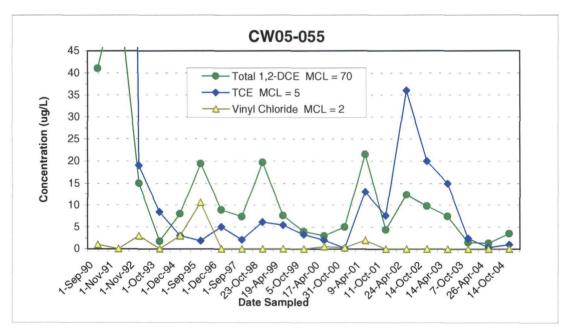
#### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU5 (FAA-A): Well CW10-055



#### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU5 (FAA-A): Well CW05-055

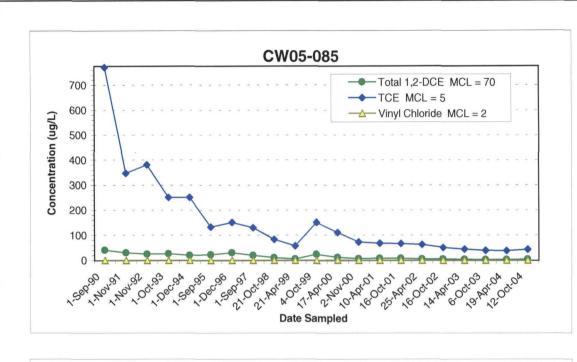
WPAFB - LTM Program

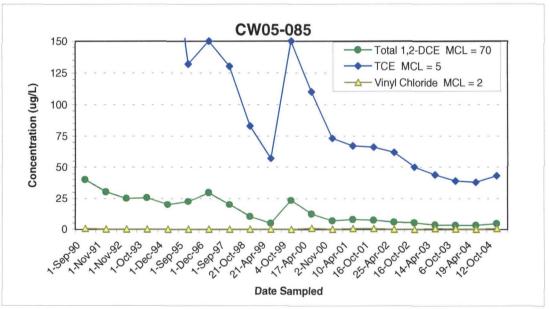




VOCs concentrations are plotted on the bottom graph, at a larger scale to show the variations in concentrations.

#### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU5 (FAA-A): Well CW05-085 WPAFB - LTM Program

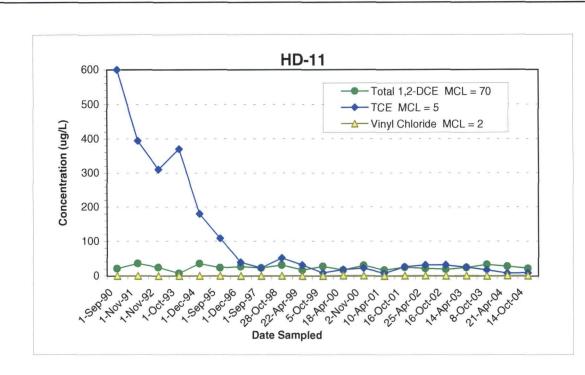


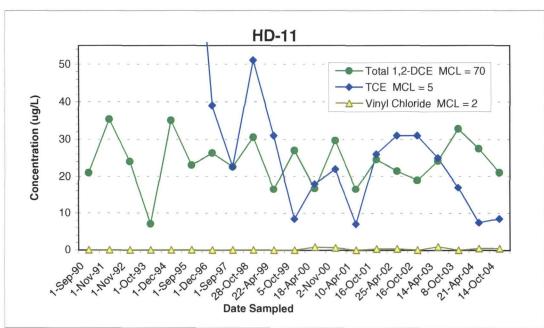


VOCs concentrations are plotted on the bottom graph, at a larger scale to show the variations in concentrations.

#### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU5 (FAA-A): Well HD-11

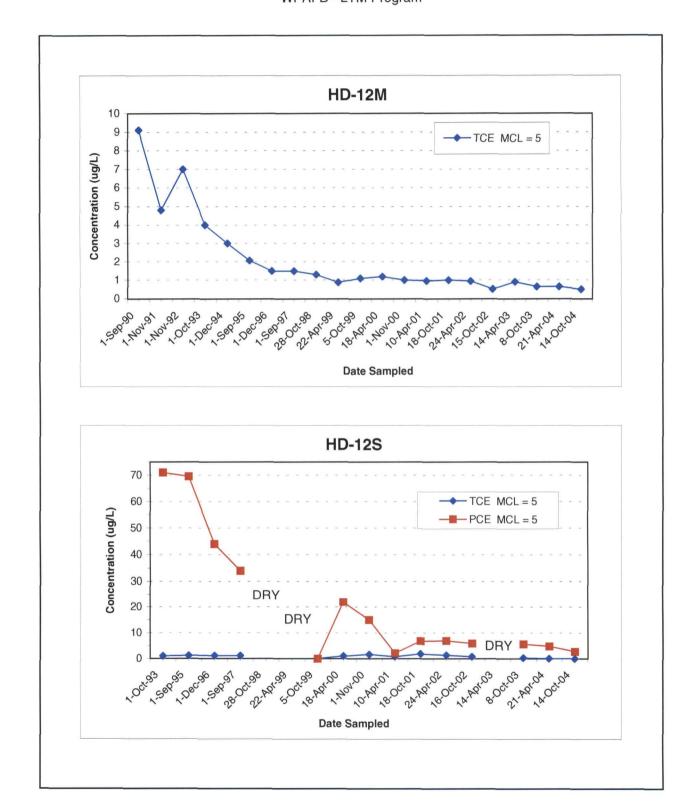
WPAFB - LTM Program



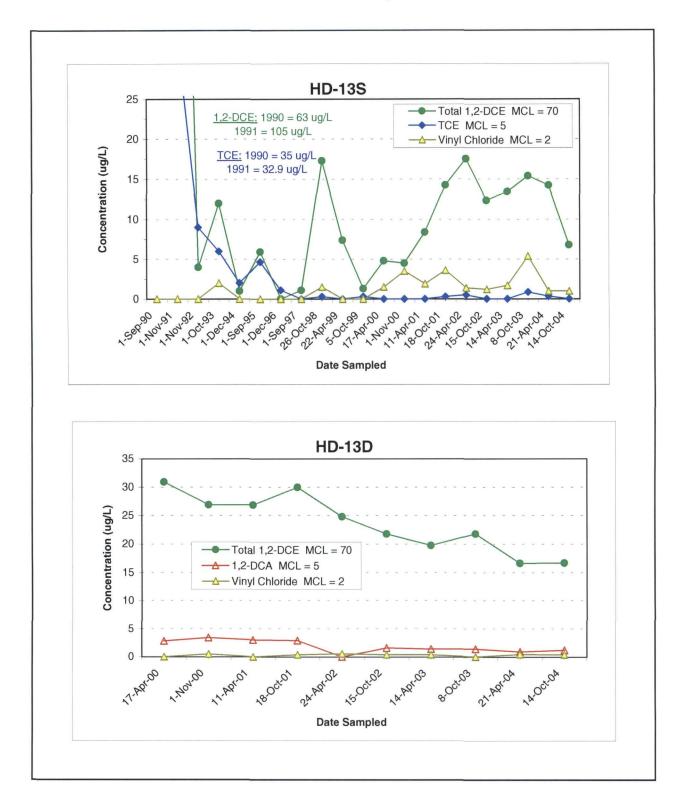


VOCs concentrations are plotted on the bottom graph, at a larger scale to show the variations in concentrations.

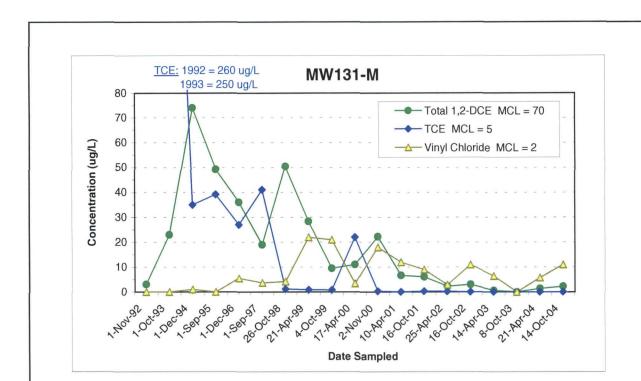
#### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU5 (FAA-A): Wells HD-12M and HD-12S WPAFB - LTM Program

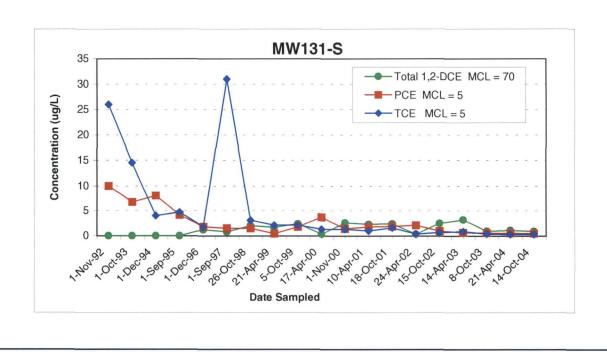


#### **LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern** OU5 (FAA-A): Wells HD-13S and HD-13D

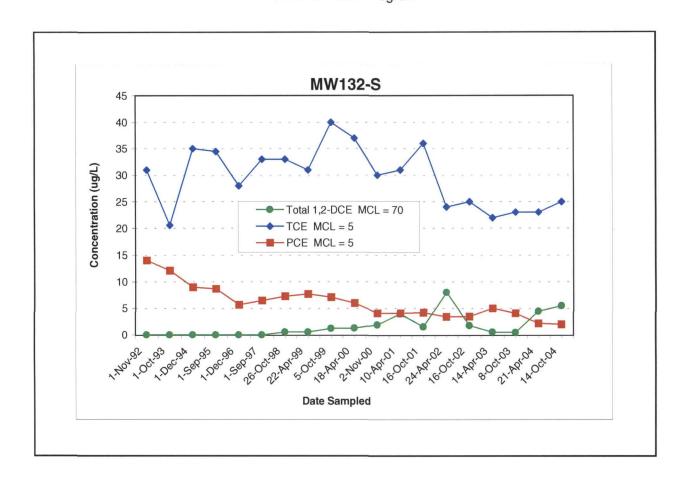


# LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU5 (FAA-A): Wells MW131-M and MW131-S WPAFB - LTM Program



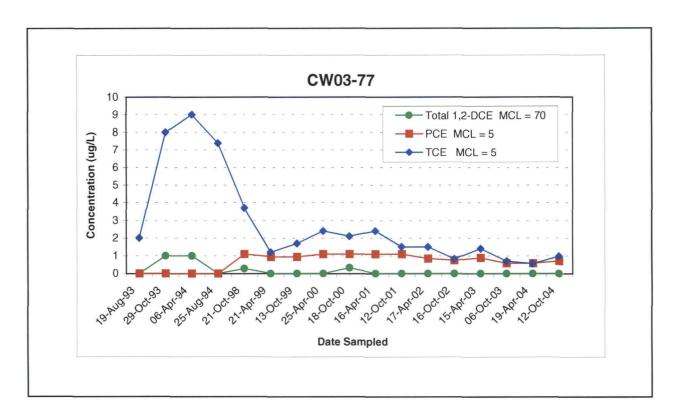


#### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU5 (FAA-A): Well MW132-S WPAFB - LTM Program

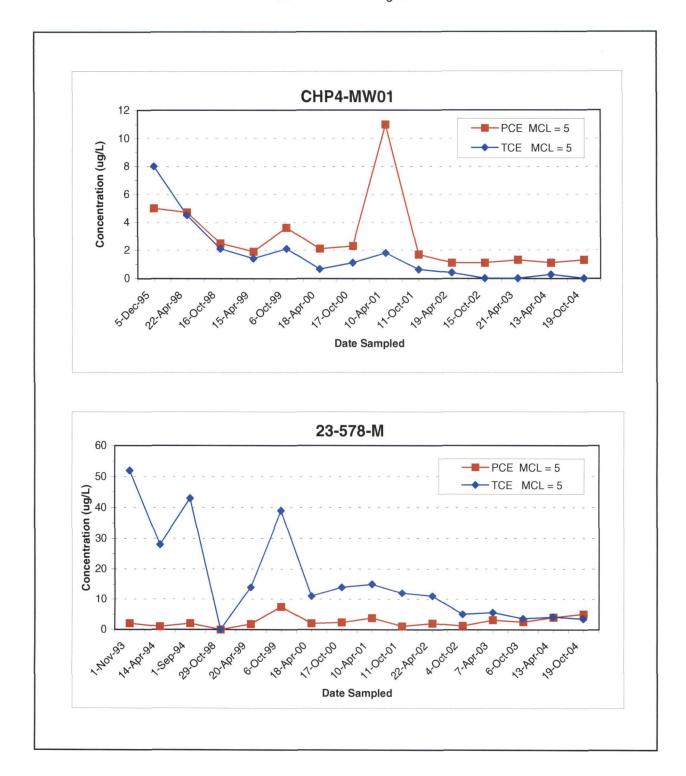


#### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern

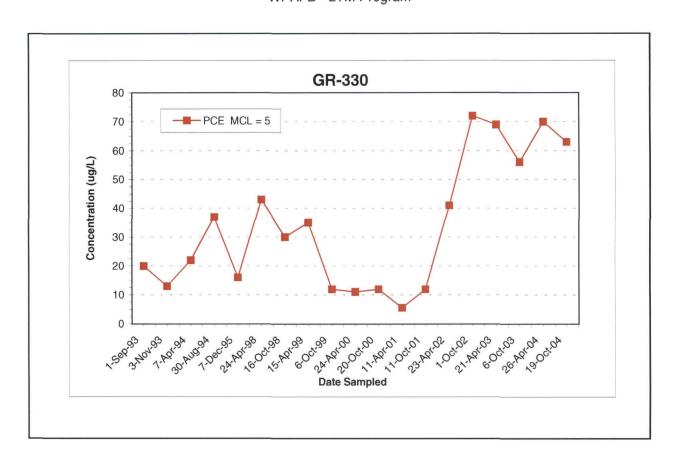
OU8: Well CW03-77 WPAFB - LTM Program



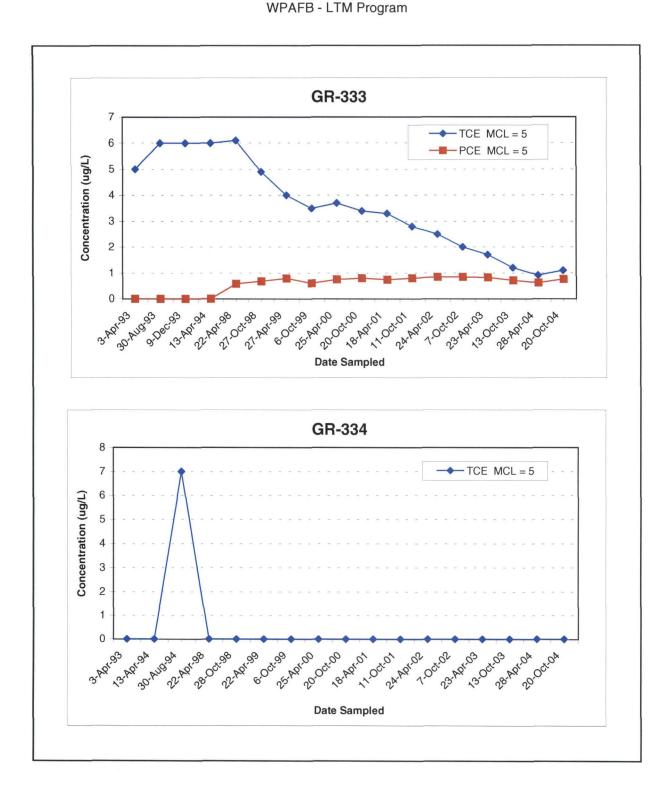
### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU10 (CHP4): Wells CHP4-MW01 and 23-578-M



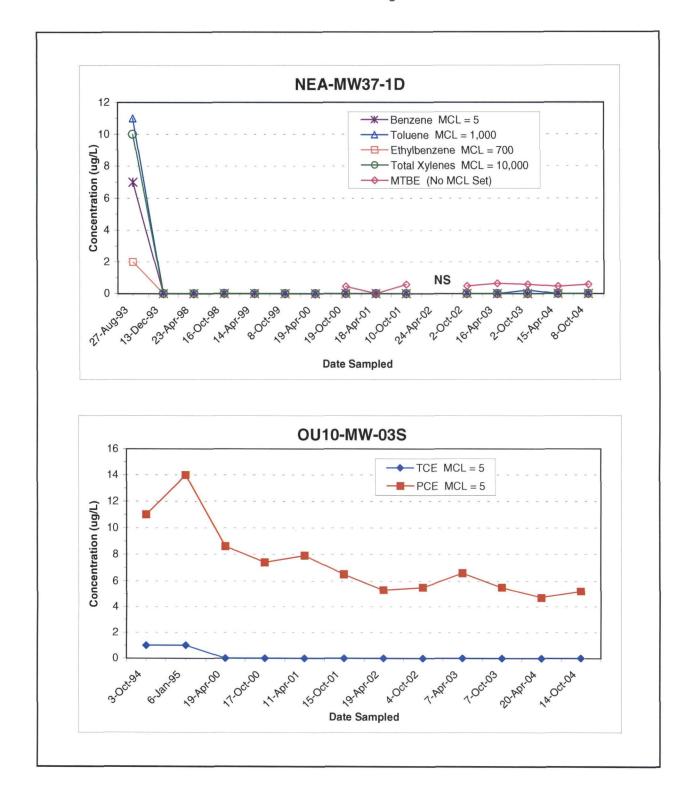
# Chemicals of Primary Concern OU10 (CHP4): Well GR-330 WPAFB - LTM Program



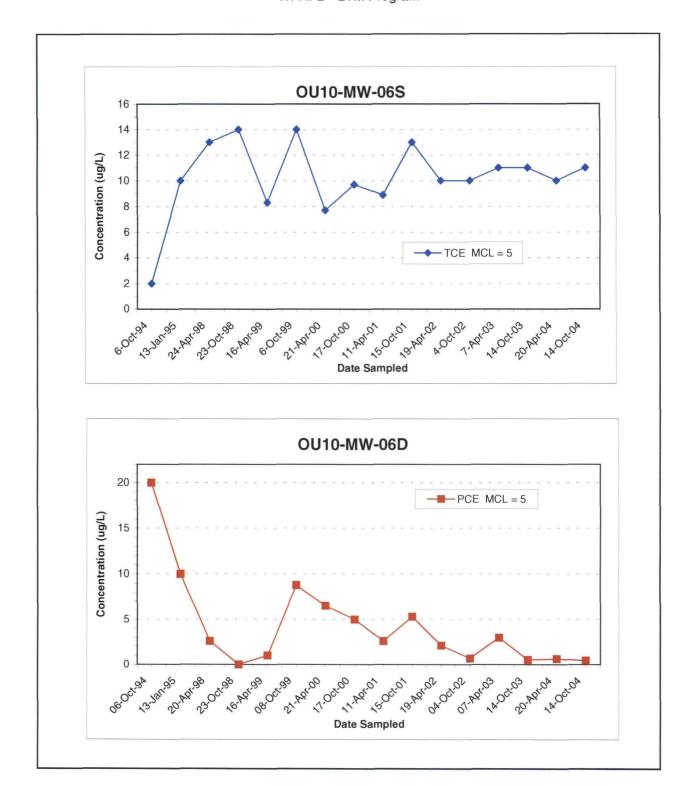
#### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU10: Wells GR-333 and GR-334



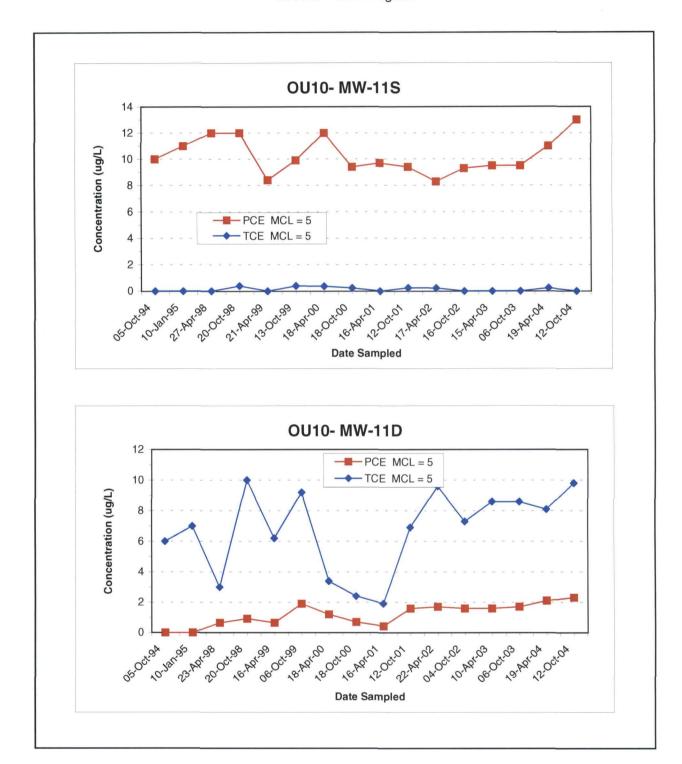
#### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU10: Wells NEA-MW37-1D and OU10-MW-03S



### Chemicals of Primary Concern OU10: Wells OU10-MW-06S and OU10-MW-06D

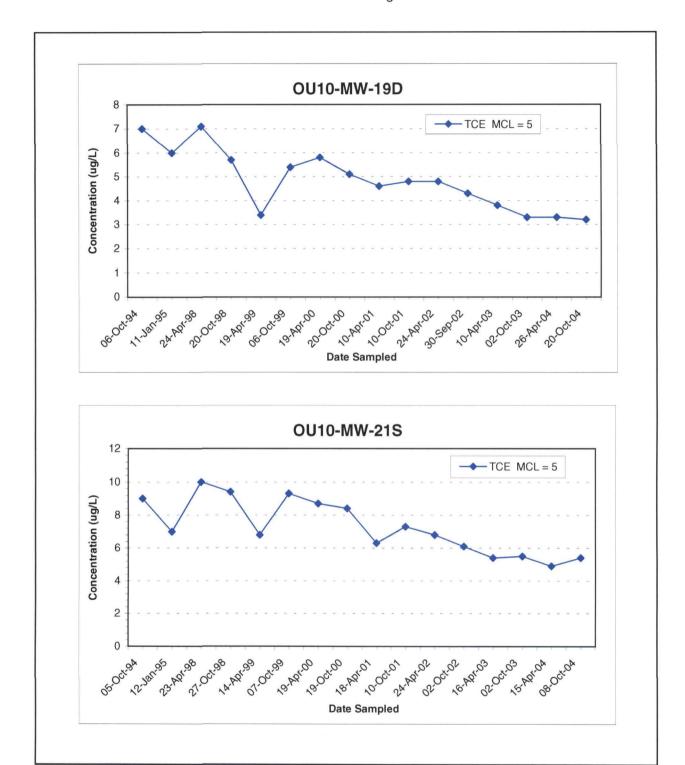


## LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern OU10: Wells OU10-MW-11S and OU10-MW-11D

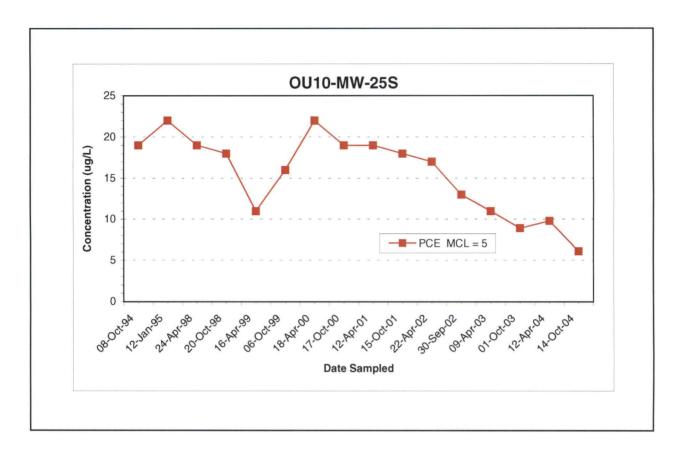


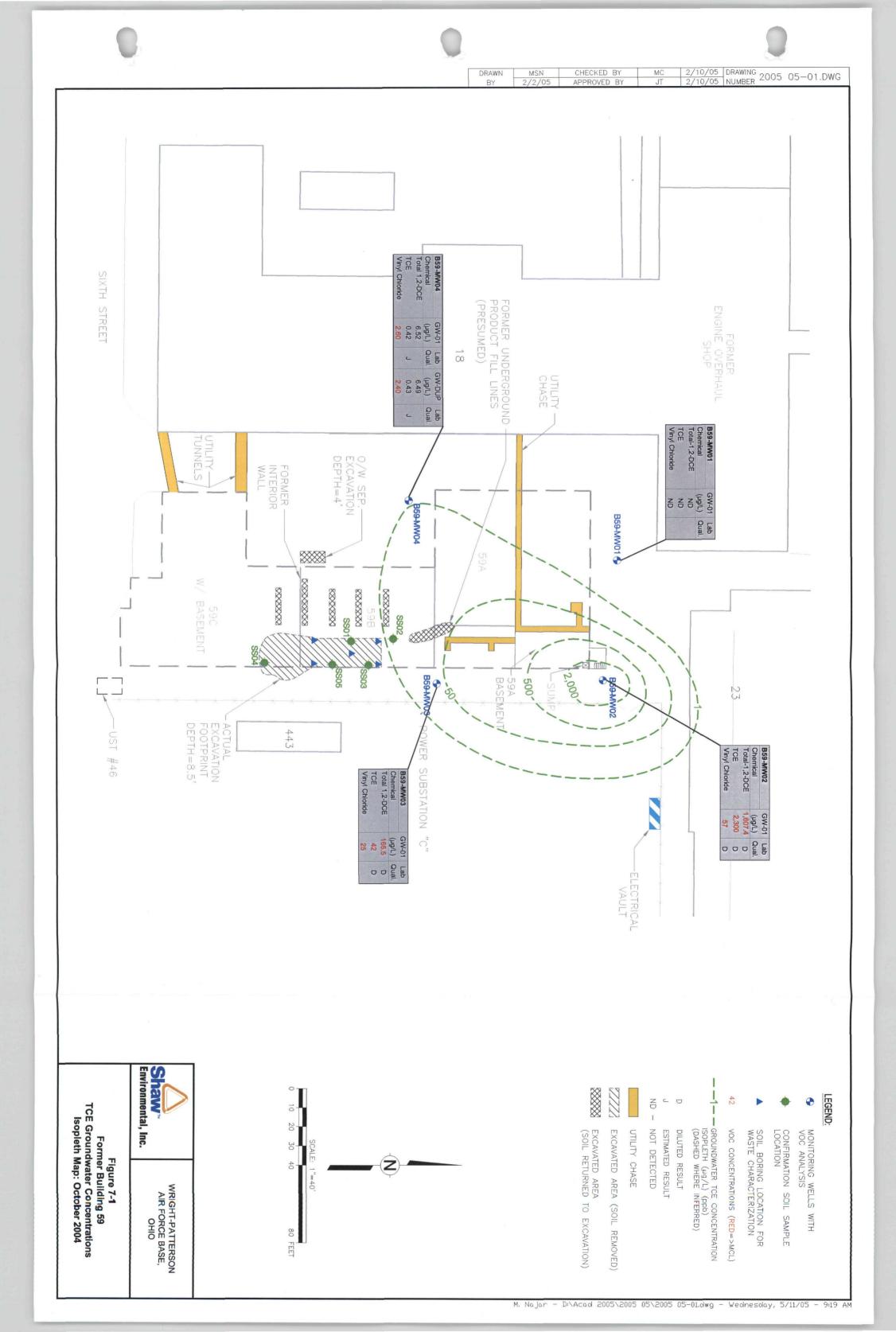
#### LONG-TERM MONITORING GRAPHS: Chemicals of Primary Concern

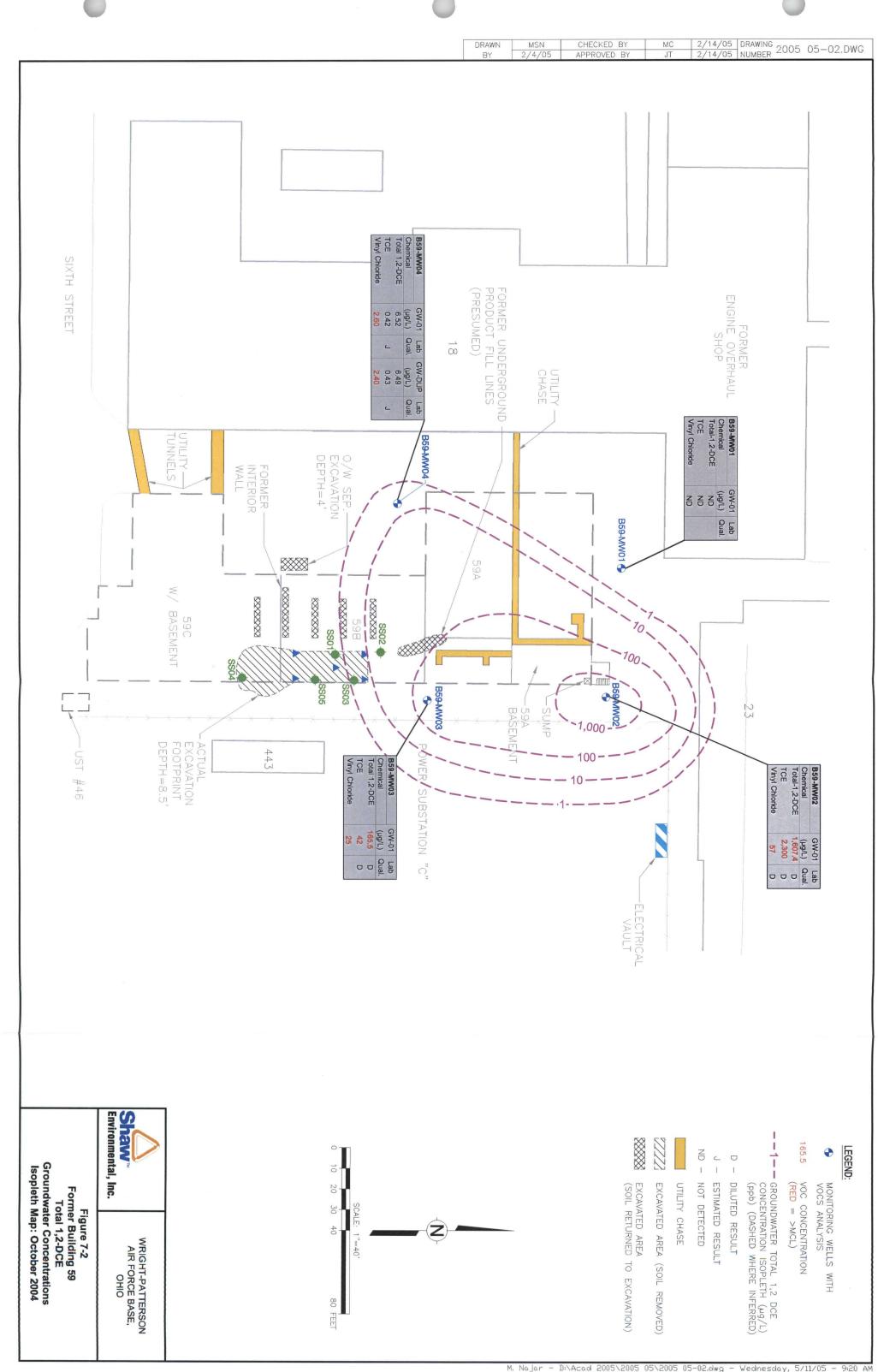
OU10: Wells OU10-MW-19D and OU10-MW-21S

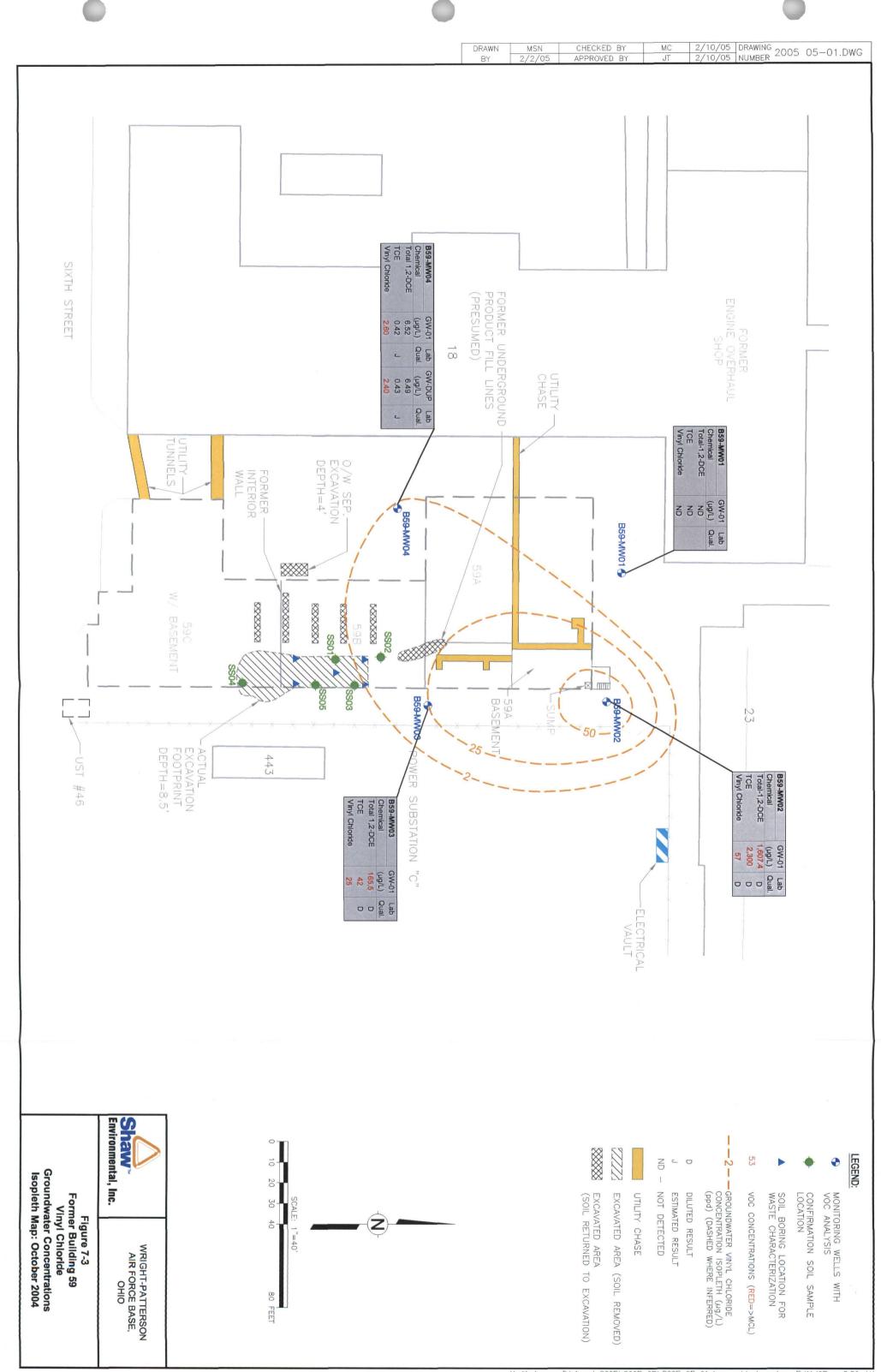


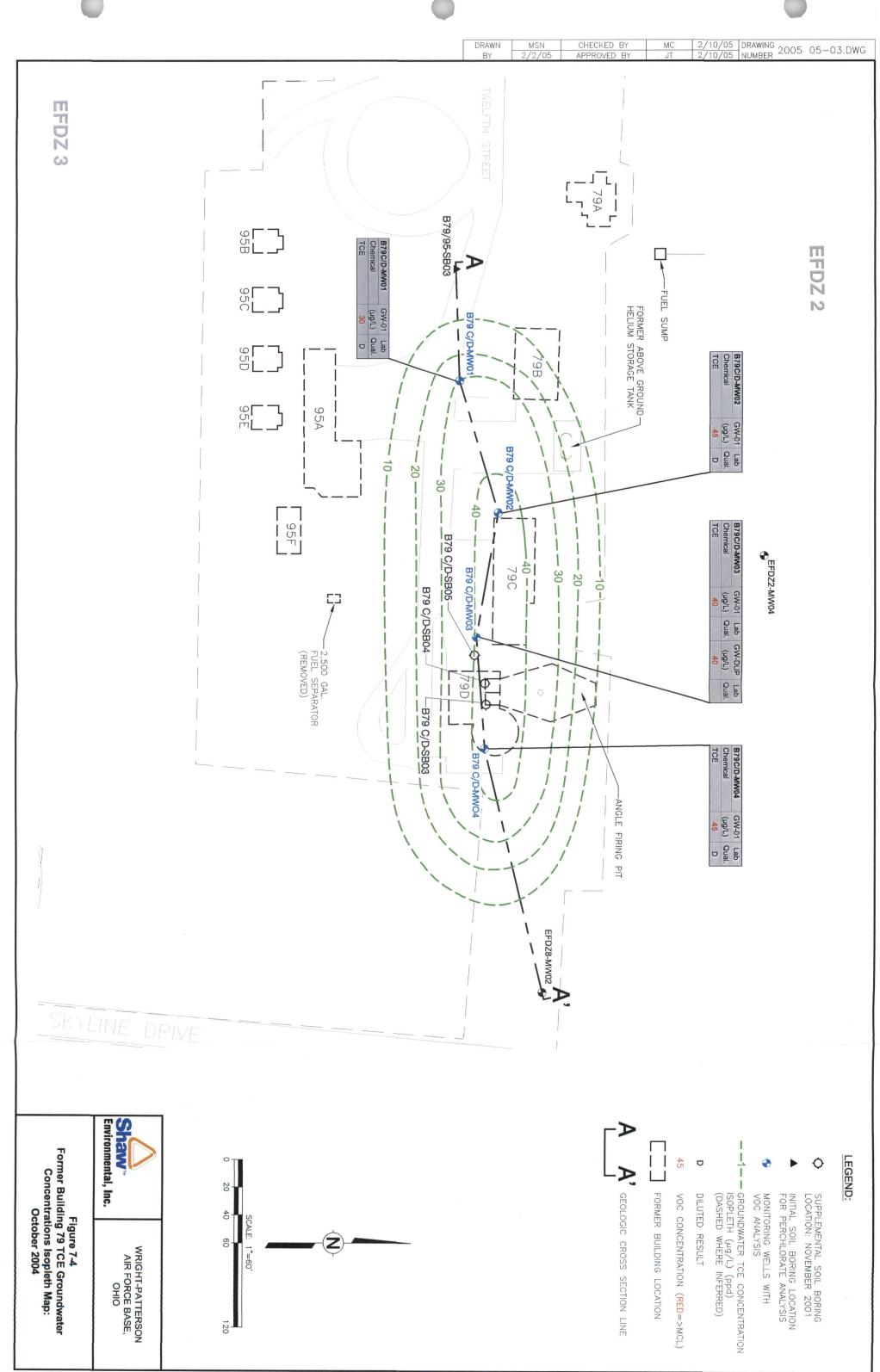
Chemicals of Primary Concern OU10: Well OU10-MW-25S

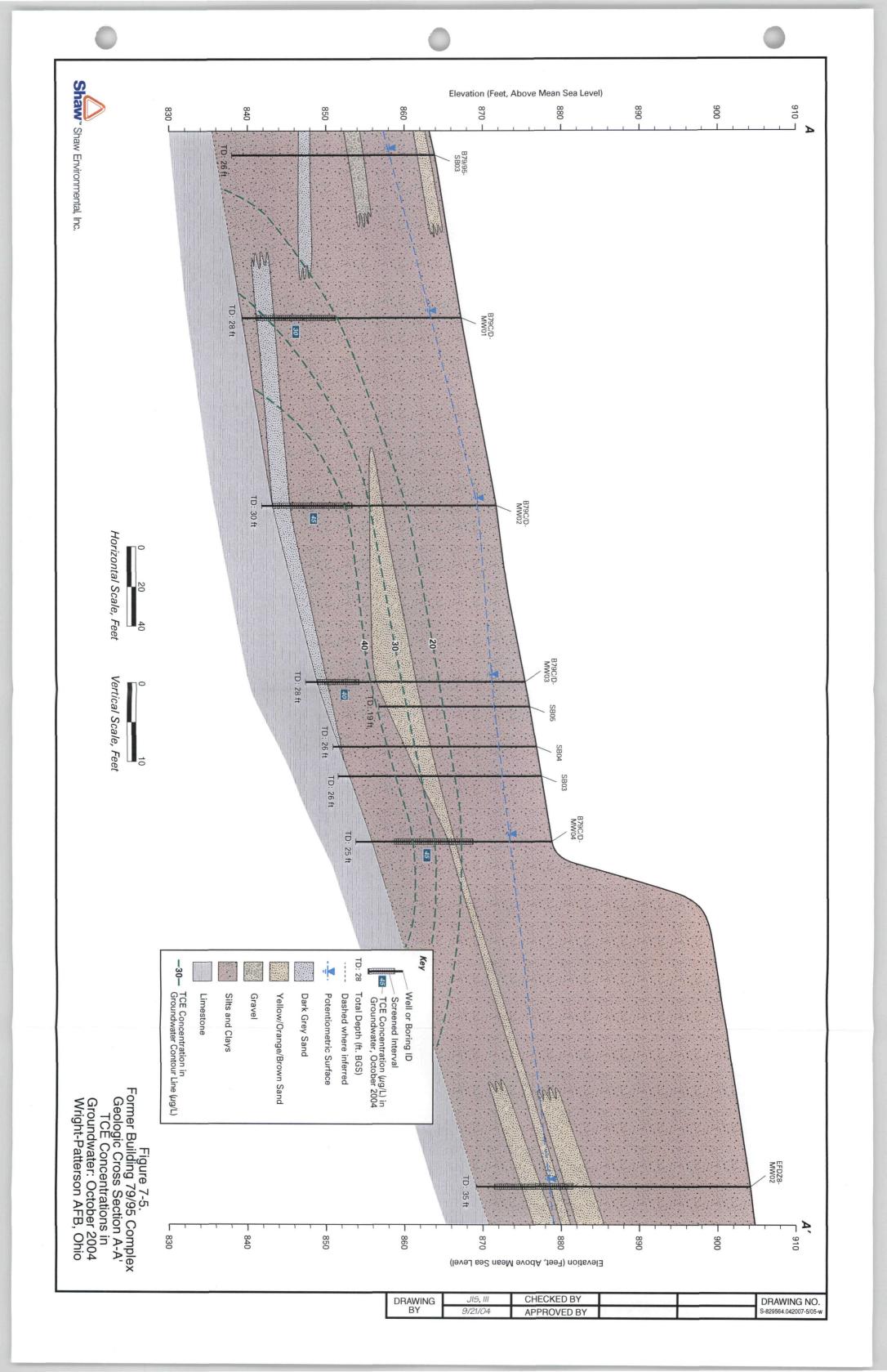


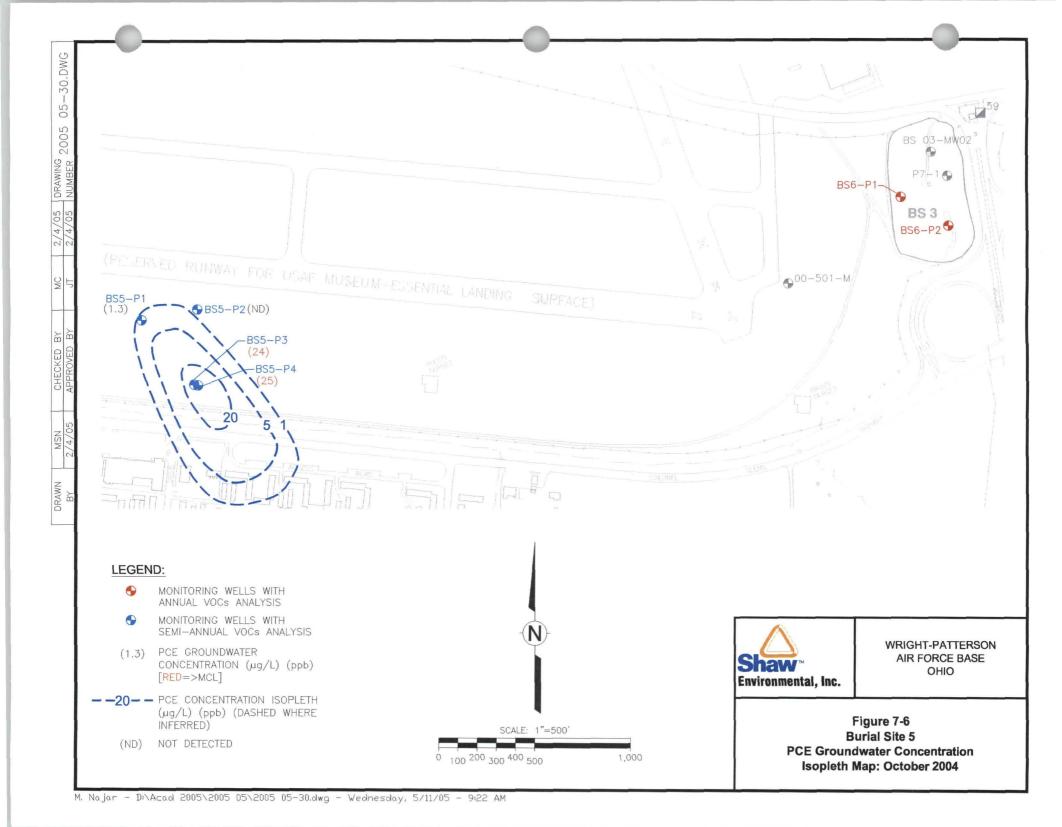


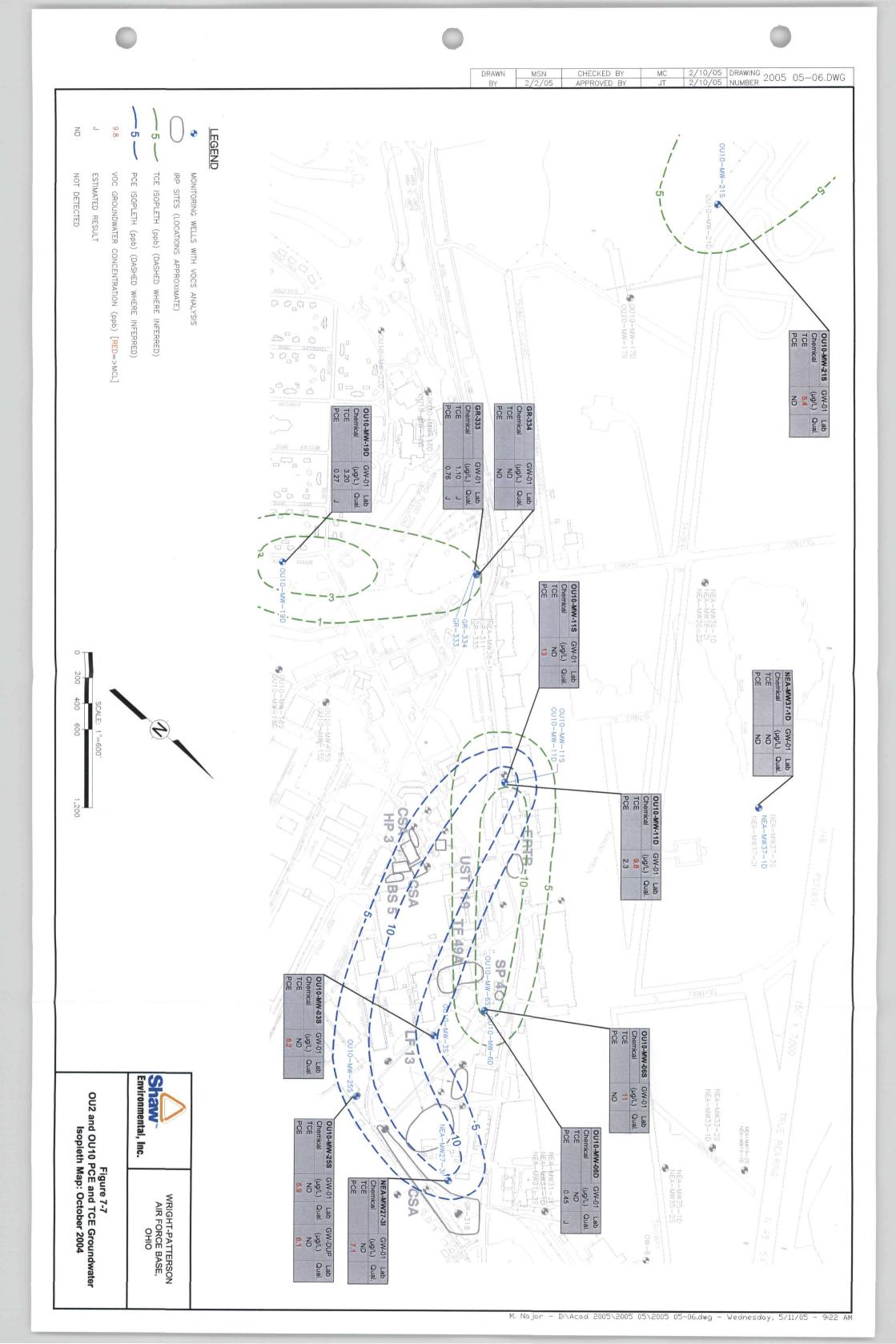


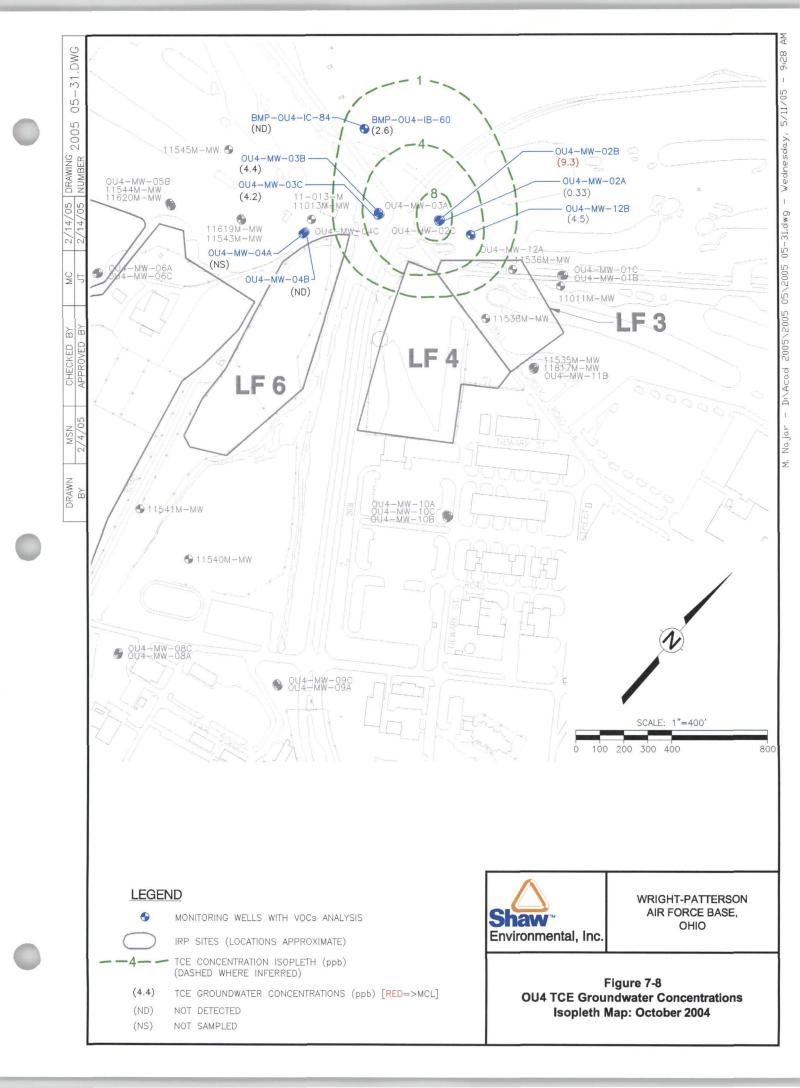


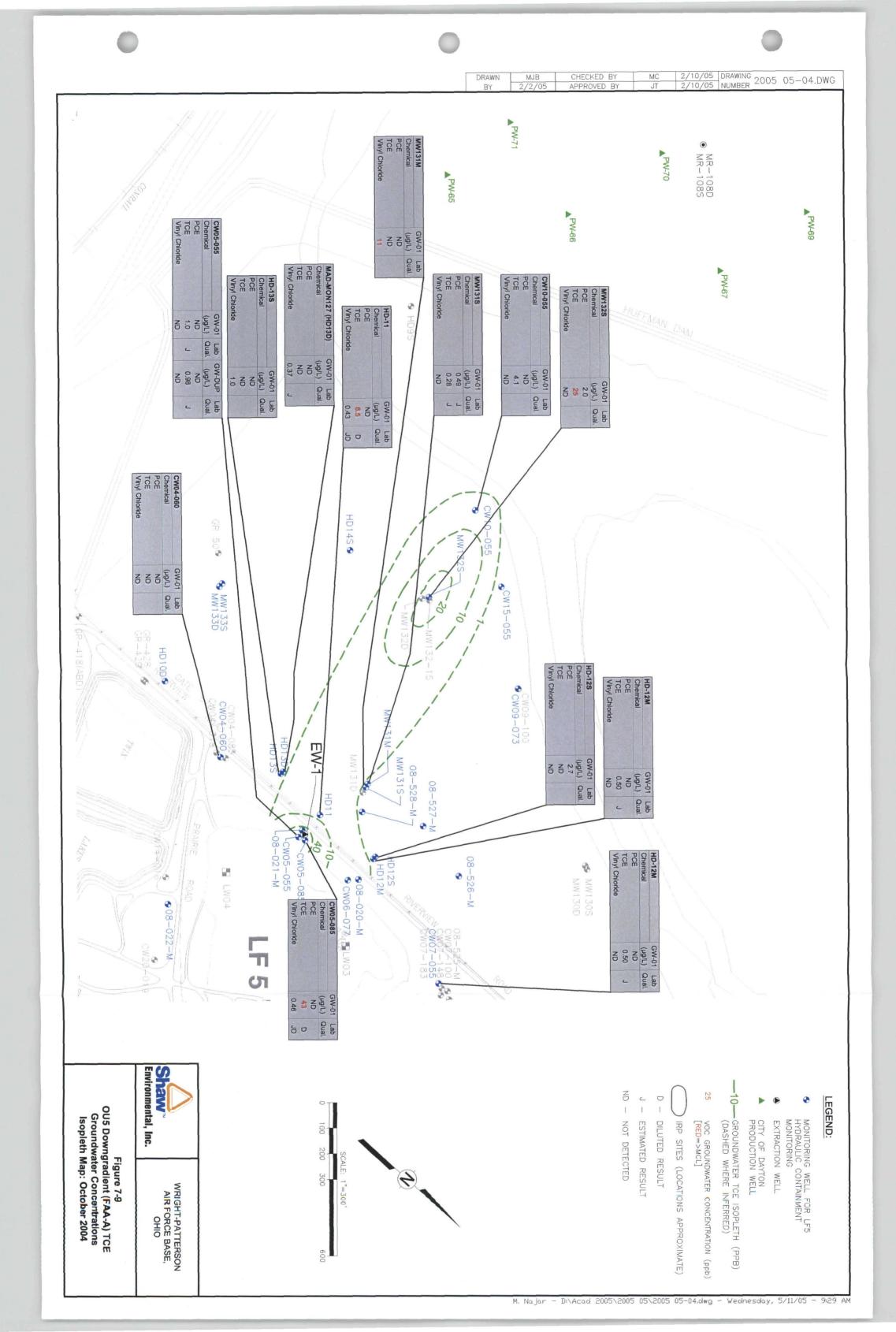


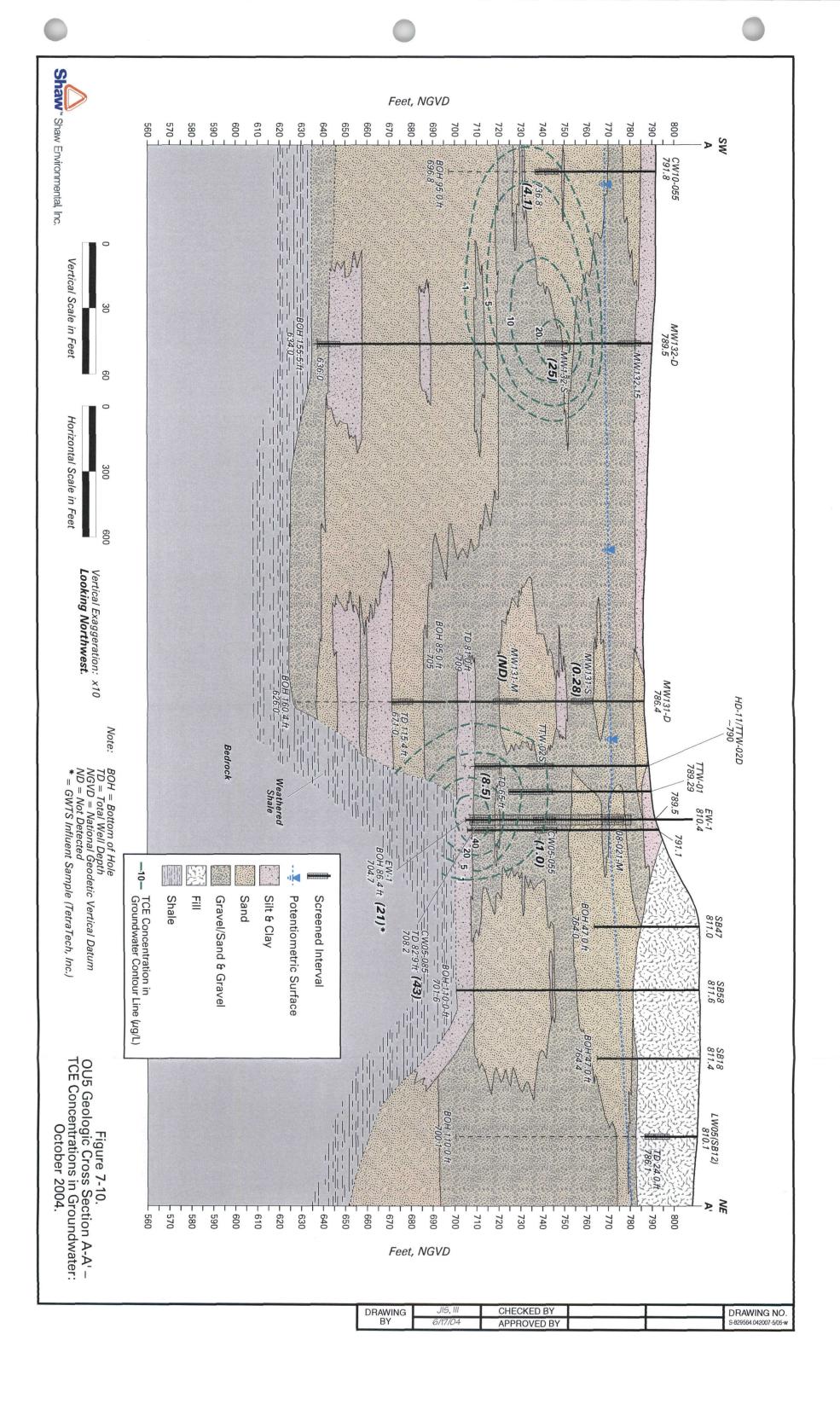


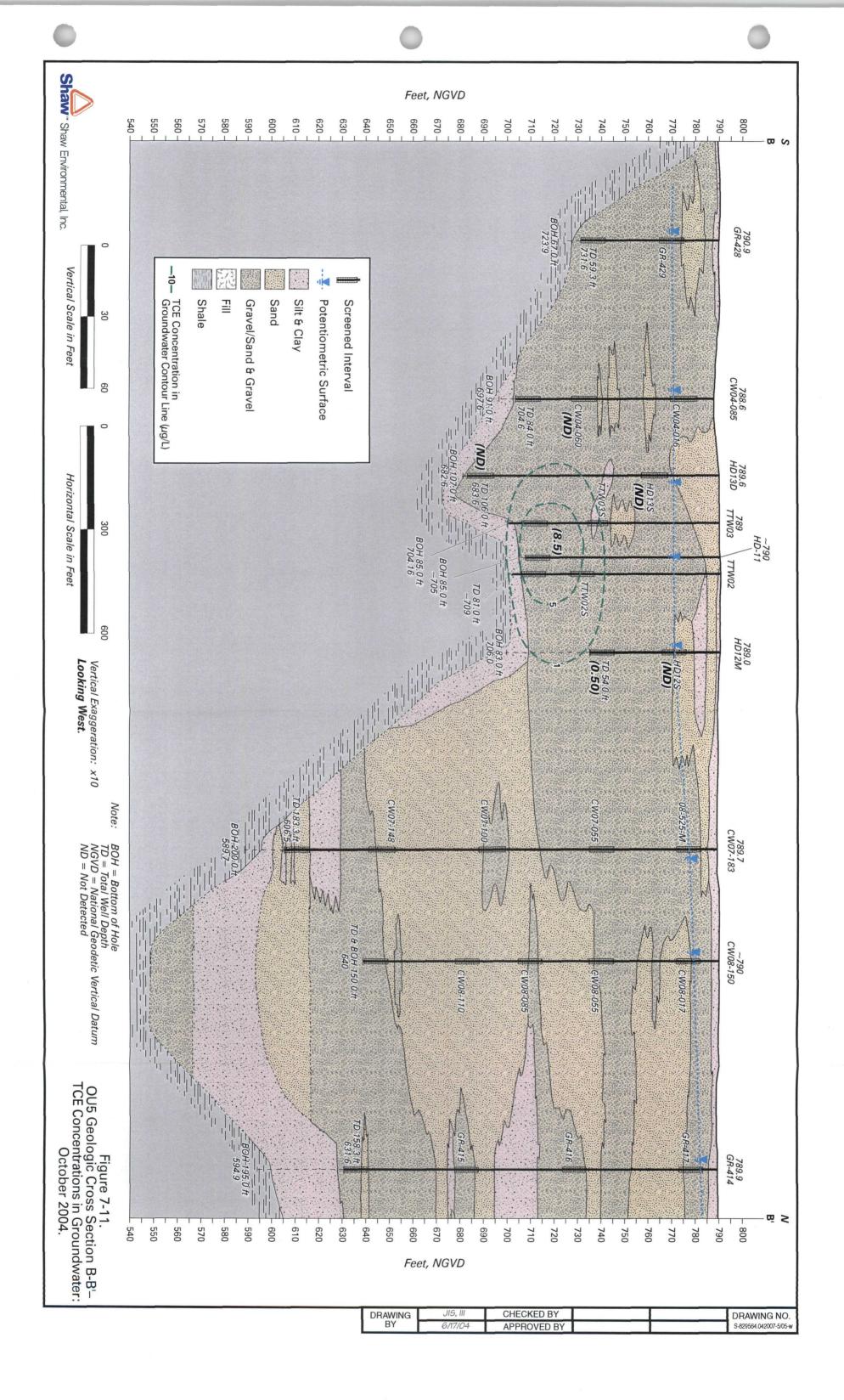


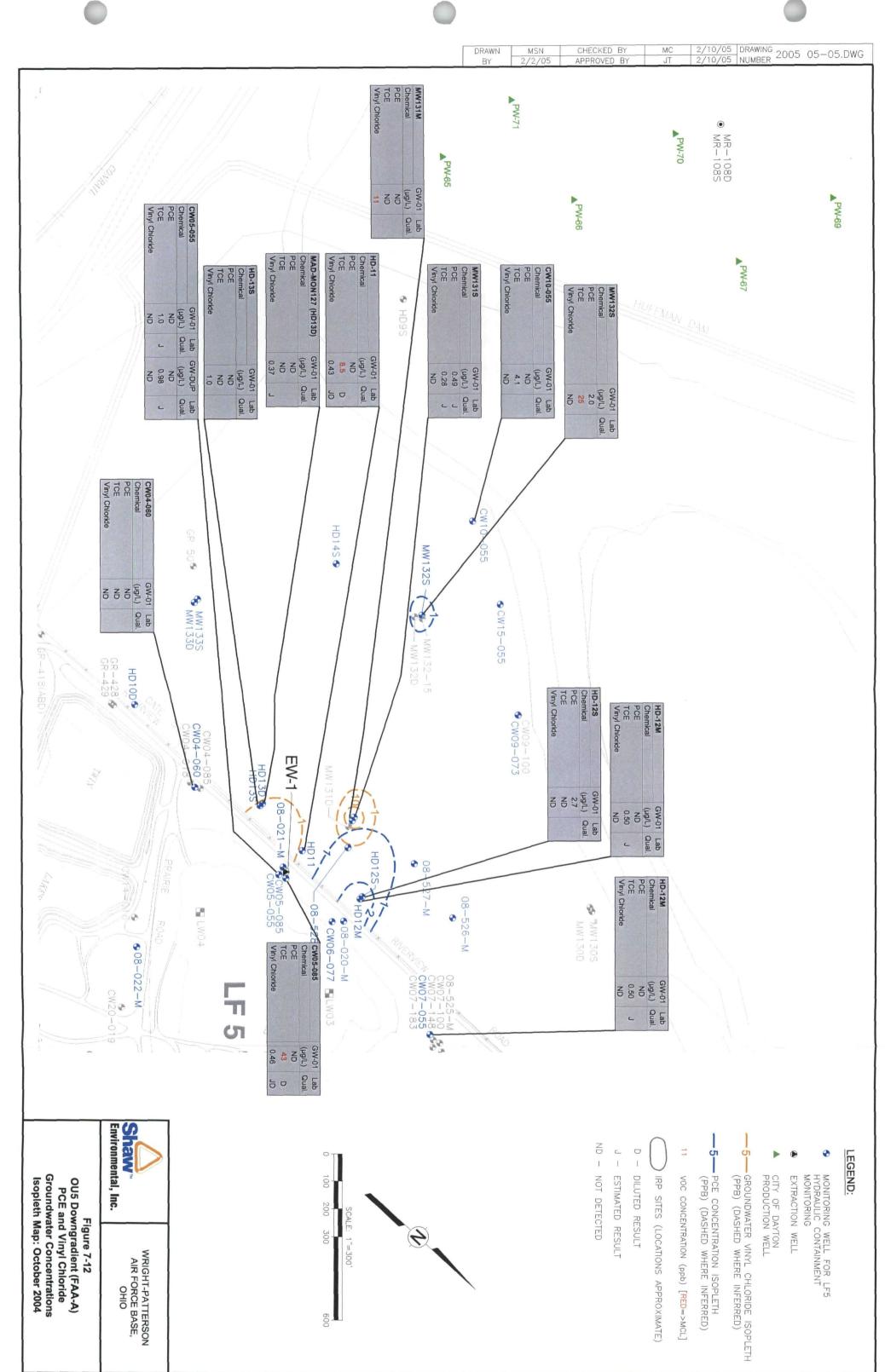


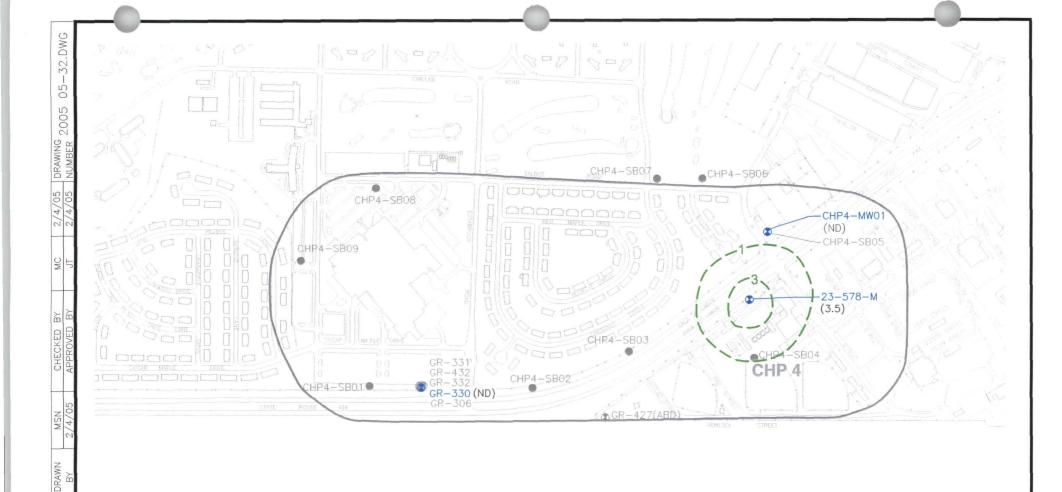












#### LEGEND

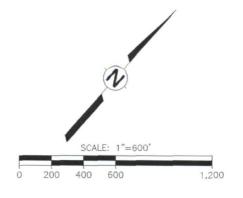
MONITORING WELLS WITH VOCS ANALYSIS

IRP SITES (LOCATIONS APPROXIMATE)

) TCE GROUNDWATER CONCENTRATION (ppb) [RED=>MCL]

-3 - TCE CONCENTRATION ISOPLETH (ppb)
(DASHED WHERE INFERRED)

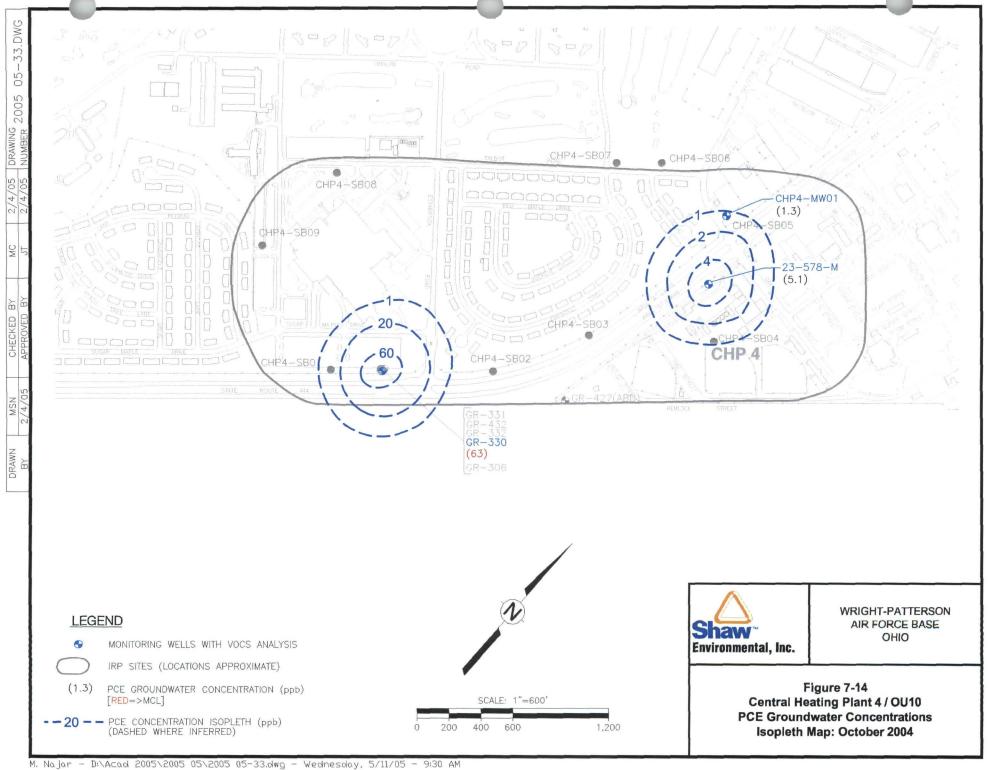
ND NOT DETECTED

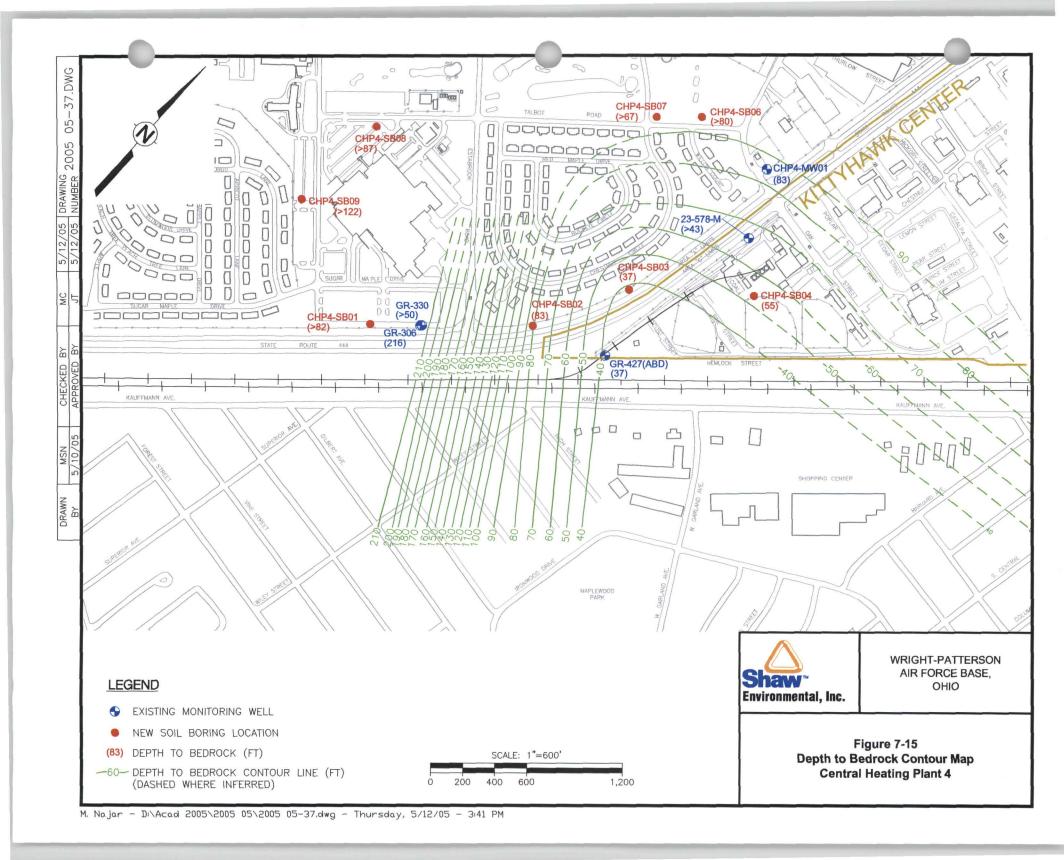




WRIGHT-PATTERSON AIR FORCE BASE, OHIO

Figure 7-13
Central Heating Plant 4 / OU10
TCE Groundwater Concentrations
Isopleth Map: October 2004





#### Appendix A

#### **Historic Data and Monitoring Procedures**

- A1 Long-Term Monitoring Sampling Frequency and Monitoring Well Inventory
- A2 Operable Unit 1 Compliance Monitoring Objectives and Basewide Procedures Summary
- A3 Operable Unit 2 ROD Long-Term Monitoring and Sampling Procedures Summary
- A4 Basewide Long-Term Monitoring Site History and Monitoring Procedures

# A1 Long-Term Monitoring Sampling Frequency and Monitoring Well Inventory

Table A1-1 BMP LTM Locations (EE/CA)

Table A1-2 Basewide LTM Program Monitoring Well Inventory

Table A1-1
BMP Monitoring Locations
Wright-Patterson AFB, Ohio
Page 1 of 4

Number			Resson for			Builduras		5		
of Wells	Sample Location	Area	Monitoring	COPCs > RG	Frequency	Month(s)	Analytical Parameters	Layer	Aquiffer Type	Comments
	OU1 Remedial Action Monitoring	Roring								
	LF08-MW02A	001	OU1 ROD	NA V	Amual	October	OU1 ROD Parameters	-	<b>至</b>	
7	LF08-MW02C	<u>§</u>	OU1 ROD	٧	Annual	October	OU1 ROD Parameters	-	Ē	
က	LF08-MW05B	5	OU1 ROD	٧X	Annual	October	OU1 ROD Parameters	-	<b>Ξ</b>	
4	LF08-MW08A	5	OU1 ROD	<b>∀</b> Z	Annal	October	OU1 ROD Parameters	-	_ =	
S	LF08-MW08B	ş	OU1 ROD	¥Z	Annual	October	OU1 ROD Parameters	-	<b>=</b>	
9	LF08-MW08C	5	OU1 ROD	٧Z	Annual	October		-	Ē	
^	LF08-MW09A	<u>§</u>	OU1 ROD	٧×	Amual	October	OU1 ROD Parameters	-	Ī	
80	LF08-MW09B	ş	OU1 ROD	٧×	Amuel	October	OU1 ROD Parameters	-	皇	
6	LF08-MW 10A	5	OU1 ROD	٧Z	Annual	October	OU1 ROD Parameters	-	至	
2	LF08-MW10B	5	OU1 ROD	٧	Annual	October	OU1 ROD Parameters	-	Ē	
=	LF08-MW10C	5	OU1 ROD	Ž	Annual	October	OU1 ROD Parameters	-	<u></u>	
. 5	LF08-MW11A	5	OUI ROD	¥	Amual	October	OU1 ROD Parameters	-	至	
ç	ED8-MW 11B	5	CONTRACTOR	¥	Annual	October		-	1	
2 \$	E EOB MAN 11C	<u> </u>		. AN	Access	i de		-	7	
ţ	EDS-MAN 101	3 <del>5</del>	000	2	A	i de la composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della comp		-	7	
2 4	E 00 10 10 10 10 10 10 10 10 10 10 10 10	3 8	000	2		9000			! }	
2 2	L 500 MAY 102	3 <del>8</del>	200	2 2	9000	9000			-	
- 0	CO-044 103	3 8	200	Ç <u> </u>	10 TO 10 TO	P 1000	OCT TOO Parameters		-	
2 8	Carona Carona	3 8		<u> </u>		in delayer		- •		
<b>3</b> 8	LF10-MWU3B	3 ã		2 2		October	Signature Con 100		Ē 5	
3 3	LF10-MWUSC	- 3 8		2		10000				
24	LF10-MW06A	3	OOT HOD	¥ :	Amue			- ,	<b>#</b> :	
Q i	L-10-MW08A DUP	3	001	¥:	American	2000		- ,	= :	
26	LF10-MW068	3	OCH FOO	¥ :	Anne	October			<b>!</b>	
27	LF10-MW07A	3	904 100	¥ ;	American	2000		~ -	₹ :	
28	LF10-MW07B	5 8	000	¥ :	And .	Cctober				
53	LF10-MW07C	5	OOT HOD	¥:	Annual	COTOD			Ē!	
ဓ	LF10-MW08A-2	5	OUT ROD	¥ Z	Amua	October		-	Ŧ	
3	LF10-MW08B	<u>5</u>	OU1 ROD	¥	Annual	October		-	<b>=</b>	
33	LF10-MW09A	Ş	OU1 ROD	VA V	Amual	October		-	 ₹	
33	LF10-MW09B	5	OU1 ROD	٧Z	Amual	October		-	<b>=</b>	
8	LF10-MW09C	ş	OU1 ROD	٧Z	Annual	October		-	<u> </u>	
35	LF10-MW10C	5	OU1 ROD	¥	Annual	October		-	<b>=</b>	
98	LF10-MW11A	5	OU1 ROD	¥Z	Annual	October	OU1 ROD Parameters	-	<b></b>	
37	LF10-MW11B	5	OU1 ROD	¥	Annual	October	OU1 ROD Parameters	-	至	
38	LF10-MW102	5	OU1 ROD	¥	Annual	October	OU1 ROD Parameters	-	Ē	
39	LF10-MW103	5	OU1 ROD	¥z	Amuai	October	OU1 ROD Parameters	-	<u>=</u>	
ę	LF10-MW104	5	OU1 ROD	¥	Annual	October	OU1 ROD Parameters	-	Ī	
7	LF10-MW105	5	OU1 ROD	٧Z	Amnai	October	OU1 ROD Parameters	-	<b>Ŧ</b>	
43	02-DM-81S-M (LF8)	5	001 100	ď	Amual	October	OU1 ROD Parameters	-	至	
4	02-DM-81D-M (LF8)	Ş	OU1 ROD	¥Z	Amual	October	OU1 ROD Parameters	-	Ŧ	
45	02-DM-82-M (LFB)	9	OU1 ROD	¥χ	Annual	October	OU1 ROD Parameters	-	₹	
46	02-DM-83S-M (LFB)	5	OU1 ROD	¥Z	Annual	October	OU1 ROD Parameters	-	- 王	
47	02-DM-83D-M (LF8)	5	OU1 ROD	¥	Annual	October	OU1 ROD Parameters	-	<b>Ξ</b>	
84	02-DM-84-M (LF8)	5	OU1 ROD	¥	Amuel	October	OU1 ROD Parameters	-	<b>=</b>	
64	01-DM-102S-M (LF10)	9	OU1 ROD	٧Z	Annual	October	OU1 ROD Parameters	-	Ŧ	
S	01-DM-102D-M (LF10)	5	OU1 ROD	٧Z	Annual	October	OU1 ROD Parameters	-	Ŧ	
¥	(C.L. 7.1.00.10	Ē	000	47	Anceral	, adopt	OLIT BOD Parameters		= = = = = = = = = = = = = = = = = = = =	

Table A1-1
BMP Monitoring Locations
Wright-Patterson AFB, Ohio
Page 2 of 4

Number	a de marco	-	Reason for	00 / 1/00/	Enough Company	Month(s)	Analysis Beretare		Acuitter Tone	
	oni		R		Curanhair	Charles and the same of the sa			201	
-	LF08-MW02C	ğ	OU1 ROD	ĄZ	Annual	April	VOCs and Metals	-	<b>=</b>	
8	LF08-MW05B	<u>§</u>		<b>∢</b> Z	Annual	April	VOCs and Metals	-		
ღ	LF08-MW08B	Ş	OU1 ROD	Ϋ́	Annual	April	VOCs and Metals	-	Ī	
4	LF08-MW09A	Ş	OU1 ROD	Ϋ́	Annual	April	VOCs and Metals	-	Ī	
ۍ.	LF08-MW10B	ş	OU1 ROD	٧Z	Annual	April	VOCs and Metals	-	₹	
9	LF08-MW118	ş	OU1 ROD	٧Z	Annual	April	VOCs and Metals	,-	<u> </u>	
7	LF08-MW101	ş	OU1 ROD	<b>∢</b> Z	Annual	Apdl	VOCs and Metals	-	Ē	
80	LF08-MW 102	5	OU1 ROD	٧×	Amuai	April	VOCe and Metais	-	₹	
6	LF08-MW103	ş	OU1 ROD	∢ Z	Annual	April	VOCs and Metals	-	- 1	
5	02-DM-81D-M (LF8)	ş	OU1 ROD	<b>∢</b> Z	Amual	April	VOCe and Metals	-	<u>-</u>	
Ξ	02-DM-82-M (LF8)	ક	OU1 ROD	∢ Z	Amual	April	VOCs and Metals	-	Ī	
12	02-DM-83S-M (LF8)	ğ	OU1 ROD	٧Z	Amruel	April	VOCs and Metals	-	<u> </u>	
13	LF10-MW03A	ş		¥Z	Annuai	April	VOCs and Metals	-	<b>Ξ</b>	
4	LF10-MW05B	5	OU1 ROD	¥	Annual	April	VOCs and Metals	-	<u> </u>	
5	LF10-MW06A	Ę	OU1 ROD	∢ Z	Annual	April	VOCs and Metals	-	- -	
16	LF10-MW07A	5	OU1 ROD	Ϋ́	Annual	₽ď	VOCs and Metals	-	<b>三</b>	
4	LF10-MW08A-2	<u>-</u>	OU1 ROD	¥Z	Armual	¥6	VOCs and Metals	-	<u></u>	
<b>₽</b>	LF10-MW09C	ş	OU1 ROD	¥ Z	Amnuai	April	VOCs and Metals	-		
<u>6</u>	LF10-MW10C	<u>§</u>		¥ Z	Annual	Pol:	VOCs and Metals	-	₹	
ខ្ល	LF10-MW102	5	OU1 ROD	¥ :	Annual	April	VOCs and Metals	-	Ī:	
<u>.</u>	LF10-MW103	5	OU1 ROD	¥Z	Annual	April	VOCs and Metals	-	Ī	
22	LF10-MW 104	§ :	OUT ROD	¥.	Annual	₽ď	VOCs and Metals	-	<b>=</b>	
ខ្ល	LF10-MW105	<u></u>	OUT ROD	¥ :	Annual	April	VOCs and Metals	- 1	₹ :	
4 5 4 4	01-DM-102D-M (LF10)	5 <del>5</del>	000	<b>4</b> 4 2 2	Annual	P P	VOCs and Metals		_ <b>!</b> ]	
	LER/10-EFF	3 3	City of Fairborn Effluent	Z	Ouarterty	Jan/Andi/Julv/Oct	233			
1	Otto Semi-Annual VOCs							1		
-	04-016-M	002	OU2 ROD	Benzene	Semi-Annual	April/Oct.	OU2 ROD Parameters		Outwash	
	Ow.1	200		Benzene	Semi-Annual	Andl/Oct	STOREGIST OF STOREGIST		Outwash	
l m	OW-2	8		Benzene	Semi-Annual	April/Oct	OU2 ROD Parameters	-	Outwash	
4	0W-3	8		Benzene	Semi-Annual	April/Oct	OU2 ROD Parameters	-	Outwash	
40	OW.4	3		Benzene	Semi-Annual	April/Oct	OU2 ROD Parameters	-	Outwash	
9	P18-1	ON2	OU2 ROD	Benzene	Semi-Annual	April/Oct.	OU2 ROD Parameters	-	Outwash	
7	P18-2	00 00	OU2 ROD	Benzene	Semi-Annual	April/Oct.	OU2 ROD Parameters	-	Outwash	
<b>∞</b>	NEA-MW20-2S	ons		Benzene	Semi-Annual	April/Oct.	OU2 ROD Parameters	-	Outwash	
6	NEA-MW21-3S	<u>8</u>		Вепzепе	Semi-Amnual	April/Oct.	OU2 ROD Parameters	-	Outwash	
္ :	NEA-MW26-3S	§		Benzene	Semi-Annual	April/Oct.	OU2 ROD Parameters	-	Outwash	Rep. Well for P11-1
=	NEA-MW28-5S	002	OUZ ROD	Benzene	Semi-Annual	April/Oct.	OUZ ROD Parameters	- - -	Outwash	
-	MW11-1	252	SIN BOD	42	Semi. Annual	Pariodically	OLD BOD Parameters	-	Orthwash	New October 103
٠ ٨	04-606-M	38		Z	Semi-Annual	Periodically	OU2 ROD Parameters	-	Outwash	New October '03
m	NEA-MW20-1D	8		₹ Z	Semi-Amual	Periodically	OU2 ROD Parameters	-	Outwash	New October '04
4	NEA-MW21-2D	200	OU2 ROD	Ϋ́	Semi-Annual	Periodically	OU2 ROD Parameters	-	Outwash	New October 104
S	NEA-MW22-3S	25		<b>₹</b> 2	Semi-Amual	Periodically	OU2 ROD Parameters	-	Outwash	New April '04
9	NEA-MW23-2S	<u>2</u> 2	OU2 ROD	٧Z	Semi-Annual	Periodically	OU2 ROD Parameters	-	Outwash	New October '02
7	NEA-MW24-2S	6		۷Z	Semi-Amual	Periodically	OU2 ROD Parameters	-	Outwash	New October '02
80	NEA-MW25-1D	002 0		¥	Semi-Annual	Periodically	OU2 ROD Parameters	-	Outwash	New April 101
6	NEA-MW25-21	<u>2</u>		∢ Z	Semi-Annual	Periodically	OU2 ROD Parameters	-	Outwash	New April '01
5	NEA-MW25-3S	- 6	OU2 ROD	Ϋ́	Semi-Annual	Periodically	OU2 ROD Parameters	-	Outwash	New April '01
=						•				

WPAFB October 2004 Appendix A1

Table A1-1
BMP Monitoring Locations
Wright-Patterson AFB, Ohio
Page 3 of 4

Number			Reason for	00 - 0000	Monitoring	Sampling	Application Department	Aquifer	Accordance Paper	Commente
Of Wells	Sample Location		Monnoning	20102	reduency	MODULA	Allery the Farentieth b		edi i lambu	
	DESCRIPTION OF THE PROPERTY OF	3	JW - SOCY	42	CamitAnnial	Andi/Ort	SOA	-	1	New And '01
- ‹	DANW-BOO	2 2	108 (200)	Ç 4	Semi-Annual	April Oct.		- •	1	New April 101
N C	Bow-www.		10E 100	\$ <del>\$</del>	Semi-Anna	April Oct	300		: 3	Now And 101
יניי	BS9-MW03	200	ACC.	X :	Semi-Amag	April Ca.	300	- •		O Hore woll
4 1	BSB-MW04		ACC WCL	ζ.	Semi-Arama	Application of the second of t	500			New Colors
φ,	B79 C/D-MW01	6/9	VOC8 > MCL	<b>V</b> :	Semi-Amon	Applica		- ,		SO JEGODO MANI
9 1	B79 C/D-MW02	878	VOC8 > WCL	¥ :	Semi-Annual	AprilOct	300		Ē :	New October 02
7	B79 C/D-MW03	B 18	VOC8 > MCL	₹ :	Semi-Annual	AprilOct.	300		₹ !	New October 02
80	B79 C/D-MW04	879	VOCs > MCL	Y.	Semi-Annual	April/Oct.	VOCS		Ē	New October 02
o,	BS5 P-1	885	BSSLTM	¥:	Semi-Annual	April/Oct.	<b>3</b> 00/:		Outwash	
9	BS5 P-2	88	BS5 LTM	Ϋ́	Semi-Annual	April/Oct.	NOCS	-	Outwash	
Ξ	BS5 P-3	885	BS5 LTM	ďΖ	Semi-Annual	April/Oct.	<b>5</b> 00/	-	Outwash	
5	BS5 P-4	885	BS5 LTM	¥	Semi-Annual	April/Oct.	VOCs	-	Outwash	
13	NEA-MW27-31	200	VOCs > MCL	PCE	Semi-Annual	April/Oct.	NOCs	-	Outwash	
	NEA-MW34-2S	200	VOCs > MCL	TOE	Semi-Annual	April/Oct.	VOCs	-	Outwash	
51	FTA2:MW02C	ຣ	VOCs > MCL	Benzene	Semi-Annual	April/Oct.	\$20A	-	Usawino	
	05-DM-123S	ည	LF12 LTM	¥Z	Semi-Annual	April/Oct.	NOCe	-	Outwash	
17	05-DM-123i	S	LF12 LTM	ď Z	Semi-Annual	April/Oct.	NOC8	-	Outwash	
<u>&amp;</u>	05-DM-123D	50	LF12 LTM	Ž	Semi-Annual	April/Oct	, VOC	-	Outwash	
6	07-520-M	ຣິ	ī	ž	Semi-Annual	April/Oct.	VOCs (Metals Ann.)	-	Outwash	Replacement
20	BMP-0U4-01B-60	ğ	OU4 Downgradient Mon.	٩X	Semi-Annual	April/Oct.	VOCs	2	Outwash	New Oct. '98
2	BMP-0U4-01C-84	ş	OU4 Downgradlent Mon.	¥	Semi-Annual	April/Oct.	NOC8	e	Outwash	New Oct. '98
8	OU4-MW-02A	ş	VOCs > MCL	TCE	Semi-Annual	April/Oct.	NOC*	-	Outwash	
23	OU4-MW-02B	₹	VOCs > MCL	<b>3</b> 01	Semi-Annual	April/Oct.	VOCs	8	Outwash	
24	OU4-MW-03B	ş	VOCe > MCL	10 <b>E</b>	Semi-Armel	April/Oct.	*00A	8	Outweeth	
52	OU4-MW-03C	ş	VOC8 > MCL	TČE	Semi-Annual	April/Oct.	•00x	m	Outwest	
97	OU4-MW-04A	Ş	VOC8 > MCL	vinyl chloride	Semi-Annual	April/Oct.	*00A	-	Outwash	
27	OU4-MW-04B	Ş	VOCs > MCL	<b>∢</b>	Semi-Annual	April/Oct.	NOC8	-	Outwash	Sub for MW-04A (Oct 02)
88	OU4-MW-12B	9	VOC8 > MCL	TCE	Semi-Annual	April/Oct.	NOCS	N	Outwash	•
53	CW04-060	905	FAA-AGW ROD	<b>∀</b>	Semi-Annual	April/Oct.	\$00A	0	Outwash	New April '00
ළ ;	CW05-055	50	FAA-A'GW ROD	TCE	Semi-Annual	April/Oct	300	N C	Outwash	
E 6	CW05-085	5 6	FAA-A/GW HOD	<u>.</u>	Semi-Annual	AprilOci	300	v (	Orthoph	Now April 101
8 8	CW07-055	3 8	FAA-AGW HOD	Ž	Semi-Amma	Apartoci.	300	4 0	Cutwash	Now April 01
3 2	CW10-085	3 8	FAA-AGW HOU	S F	Semi-Andria	April/Oct.	300	· ·	Ortheash	
<b>5</b> 8	700	3 2	DOW WOOD	2 4	Semi-Annual	AndiOct	S CO	1 0	Outwash	
, w	12.12	3 2	FAA-A/GW BOD	E C C	Semi-Anoual	April/Oct	8000	-	Outwash	
25	Mad Mon 127 (HD-13D)	Sign	FAA-A/GW BOD	. ¥	Semi-Annual	April/Oct.	800/	8	Outwash	New April '00
8	HD-13S	500	FAA-A/GW ROD	Ϋ́	Semi-Annual	April/Oct.	voc <sub>s</sub>	-	Outwash	
39	HSA-4A (MW131M)	905	FAA-A/GW ROD	TCE	Semi-Annual	April/Oct.	NOC8	~	Outwash	
9	HSA-4B (MW 131S)	50	FAA-A'GW ROD	Z Z	Semi-Annual	April/Oct.	VOCS		Outwash	
4	HSA-5 (MW132S)	Š	FAA-A/GW ROD	PCE, TCE	Semi-Annual	April/Oct.	VOCS	-	Outwash	
42	CW03-77	ð	VOCs > MCL	TCE	Semi-Annual	April/Oct.	VOCS	e	Outwash	Replacement
ξ.	CHP4-MW01	00.0	VOCS > MCL	PCE, TCE	Semi-Annual	April/Oct.	50 20 20 20 20 20 20 20 20 20 20 20 20 20		Cumage	
<b>;</b> ;	200	3 5	1087.500	J P	Somi Arraina	Policy Odi	300		Contract	
Ç4 C 4	GR-555	3 5	10 10 10 N	10.1	Semi-Anexial	Andi/Oct	, COO	- 67	Ormash	
5 4	OH 10-MW-03S	2 5	VOCe > MCI	PCE	Semi-Annual	April/Oct	VOCs (Metals Ann.)	_	Outwash	
<b>.</b>	OU10-MW-06D	950	VOC8 > MCL	PCE	Semi-Annual	April/Oct.	, vocs	6	Outwash	
49	OU10-MW-06S	9510	VOCs > MCL	TCE	Semi-Annual	April/Oct.	VOCs (Metals Ann.)	N .	Outwash	
20	OU10-MW-11D	Ş	VOC8 > MCL	TOE	Semi-Annual	April/Oct.	*000	8	Outwash	
51	OU10-MW-11S	95	VOCs > MCL	PCE	Semi-Annual	April/Oct.	SOON	~	Outwash	
25	OU10-MW-19D	S .	VOCs > MCL	TCE	Semi-Annual	April/Oct.	500	Ν,	Outwash	
8 3	0010-MW-21S	000	VOCS > MCL	3 S	Semi-Annual	April/Oct.	" ° °		Cutwash	
<b>*</b> 1	COTIC-MW-255	3 6	70C × MCL	- C	Semi-Araba	April/Oct.	;; °	- 0	Cumash	
ខ្ព	NEA-MW3/-1D	3 5	VOCE > MCL	Derigente	Semi-Annual	April/Oct.	**************************************	٠-	Cumash	Added
3	FO-010-m	3133	Tons Caron	15:						

Table A1-1
BMP Monitoring Locations
Wright-Patterson AFB, Ohio
Page 4 of 4

- Lagran		_	100000						:	
of Wells	Sample Location	Area	Monitoring	COPCs > RG	Frequency	Month(s)	Analytical Parameters	Layer	Aquiffer Type	Comments
-	Basewide Annual VOCs									
	BS6 P.1	BS6	BS6 LTM	AN	Annual	April	\$20A	-	₹	
2	BS6 P-2	BSe	BSGLTM	NA	Annual	April	VOCs	1	Ŧ	
3	SP11-MW01	FAA-B	FAA-B/GW ROD	vinyl chloride	Annual	April	820/	-	Ē	
4	SP11-MW02	FAA-B	FAA-B/GW ROD	vinyl chloride	Annual	April	NOCs	-	₹	
2	SP11-MW03	FAA-B	FAA-B/GW ROD	vinyl chloride	Annue	April	000 000	-	Ŧ	
	SP11-MW07	FAA-B	FAA-B/GW ROD	viryl chloride	Annual	April	VOC8	-	<b>Ŧ</b>	New April '01
	SP11-MWOR	FAA-B	FAA.B/GW BOD	viry chloride	Annual	You	SOON	-	<b>Ξ</b>	New April '00
	SP11-MW00	FAA.B	FAA.B/GW BOD	wind chlorida	American	Appl	S CON		Ī	10, Ind weN
	EED 72-14MO3	Q V V	000 M0/4 AAT	abronda Ario	Andrin	Andi	300			OC Hord woll
	South Marin	2 2		wind oblodds	Annual Land	100		-		
		8 8	TOWN A SOON	Bright Street			50	- <b>-</b>		
		8 8	VOC8 > MCL			- T	300	- ,		
	P6-2	8	VOC8 > MCL	Benzene	Annual	Voll	SO <sub>V</sub>		Ē	
<del>ت</del>	EFD04-MW06	ŝ	VOCs > MCL	Benzene, 1,2-DCA	Armuai	April	800A	-	₹	
	EFD09-M575	600	VOCs > MCL	TCE, vinyl chloride	Annual	April	VOCs	1	<b>=</b>	
_	<b>Basewide Annual Metals</b>									
	14-554-M	OU2	Metals > RG	Sb, Cr, Ni	Annual	April	Metals	ı	Outwash	
-	NEA-MW01-1S	002	Metals > RG	Al, Cr, Co, Mn, Ni, V	Annual	April	Metais	-	Outwash	
	NEA-MW02-2S	OUZ	Metals > RG		Annual	Apd	Metals	-	Outwash	
. 4	NFA-MW20-25	200	Metals > BG	Al Co. Mr. V	Annual	Apdi	Metak	-	Outwash	
	NEA-MAY23.20	2 2	Motols - BG	A C O Ph N H J	Arra 19	And	Matalo	_	Orthogen	
	CO-CONTROL OF	3 5	OC STORES	12 C 14 W 15 C 10 W		. T	Cianonia.	٠.,	400	
<u></u>	NEA-MW24-2S	2 20 0	Metals > HG	Al, Cr. Co, Mn, Ni, V. Zh	Annual	Ud 1		- •	Ourwash Outside	
	NEA-MW31-3S	7	Metals v TG	Al, Co, Mn, V, An	Arnua	Ę.	Metais		Cumaisii	
	07-520-M	50	Ī	AN.	Annual	April	Metals	-	Cuwasn	Heplacemen
	CW15-055	SG5	Metals > RG	Mn, V, Zn	Annual	April	Metals	2	Outwash	
	OU8-MW-02D	<b>8</b> 00	Metals > RG	Mn, V, Zn	Annual	April	Metals	8	Ŧ	
<u>-</u>	OU8-MW-23D	900	Metals > RG	Al, Mn, Zn	Annual	April	Metais	2	₹	
12	P4-2	റെഠ	Metals > RG	Al, Cr, Co, Ni, V	Annual	April	Metais	-	<b>=</b>	
	EFDZ3-MW02	<del>ග</del> ්ට	Metals > RG	Se, T. V	Annual	April	Metals	-	鞷	
	EFDZ3-MW03	ရီဂ	Metals > RG	Al, Mn, V, Zn	Amusi	April	Metals	-	<b></b>	
5	EFDZ8-MW01	600	Metals > RG	Al, Cr, Ni, Zn	Annual	April	Metals	11	=	
	25-582-M	0110	Metals > RG	Al, Cr, Co, Pb, Mn, Ni, V, Zn,	Annual	April	Metals	+	Outwash	
17	25-583-M	0110	Metals > RG	Cr, Co, № , <	Annual	April	Metals	-	Outwash	
<u>20</u>	25-584-M	000	Metals > RG	Or, Co, Ri	Annual	April	Metals	-	Outwash	
	OU10-MW-03S	000	Metals > RG	Co, Mn, Zn	Annual	April	Metals, VOCs	-	Outwash	
	OU10-MW-06S	0000	Metals > RG	Al Mo. <	Annual	April	Metals, VOCs	ď	Outwash	
	OU10-MW-101	0010	٧×	₹Z	Annual	April	Metals	7	Outwash	Rep. Well for 20-566
Ī	Removed Wells	-								
Ī	LF12-MW15A	500	VOC8 > MCL	TCE	Semi-Annual	April/Oct.	\$00A	F	Outwash	Abandoned
_	04-518-M	200	OU2 ROD	Benzene	Semi-Arruel	April/Oct.	OU2 ROD Parameters	-	Outwash	Abandoned
	OU8-MW-10D	FAA-B	FAA-B Remedial Action	viny chloride	Annual	October	<b>5</b> 00	-	<u> </u>	Abandoned
	20-566-M	0000	Metals > BG	S	Annual	April	Metals	_	Outwash	Abandoned
	P11-1	OUZ	OU2 Draft BOD	Benzene	Semi-Amual	April/Oct	OU2 ROD Parameters	•	Outwash	Replaced
	CW01-35	800	VOCs > MCL	TCE	Semi-Annual	April/Oct	500	8	Outwash	Replaced
<u> </u>	OU8-MW-12D	8	Metals > RG	Al, Mn, V, Zn	Amual	April	Metals	8	Outwash	Abandoned

OU2 ROD parameters = BTEX, nitrates, suifate, DO, ferrous iron GW ROD = Groundwater Record of Decision

RG = Remediation Goal

NA = Location included for remedial action monitoring

OUT ROD Parameters = VOCs, SVOCs, dioxin/furans, pest./PCB, metals, CN, ammonia

<b>-</b>			

Table A1-2
Basewide LTM Program
Monitoring Well Inventory
Wright-Patterson AFB, Ohio
Page 1 of 3

- I - mag		Indialog	Compling	Prioting	Mollbood.	Top of	1 cachoot	m0#0	Country	Porcholo
Sample Location	Area	Analytical Parameters	Sampling	Existing Pump Type	Completion (AG or FL)	Screened Interval (ft, bgs)	Screen (ft)	of Well (ft, bgs)	Depth (ft, TOC)	Depth (ft, TOC)
B59-MW01	Bldg. 59	VOCs	April/Oct.	GEOGUARD	Я	5	10	14.5	NA AN	14.5
B59-MW02		VOCs	April/Oct.	GEOGUARD	4	20.5	2	30.9	¥	30.9
B59-MW03	Bldg. 59	VOCs	April/Oct.	GEOGUARD	4	9	9	19.5	¥	19.5
B59-MW04	Bldg. 59	VOCs	April/Oct.	GEOGUARD	FL	7	10	17	NA	17
B79C/D-MW01	Bldg. 79	VOCs	April/Oct.	GEOGUARD	1	16	10	25	24.77	27
B79C/D-MW02	Bldg. 79	VOCs	April/Oct.	GEOGUARD	<u>ل</u>	18.5	5	58	28.18	53
B79C/D-MW03	Bldg. 79	VOCs	April/Oct.	GEOGUARD	ፈ	21	S	52	25.04	28
B79C/D-MW04	Bldg. 79	VOCs	April/Oct.	GEOGUARD	FL	10	10	22	22.05	24
BS6 P-1	9S8	NOCs	April	GEOGUARD	7	8	10	18	AN	20
BS6 P-2	BS6	VOCs	April	GEOGUARD	교	2	9	15	¥	15.5
BS5 P-1	BSS	NOC\$	April/Oct.	GEOGUARD	귙	58	9	38	Ą	40
BS5 P-2	BSS	\ \ \ \ \ \	April/Oct.	GEOGUARD	교	30	5	9	Ą	42
BS5 P-3	BS5	VOCS	April/Oct.	GEOGUARD	료	ဗ္ဗ	5	4 6	¥	45
BS5 P-4	BSS	VOCs	April/Oct.	GEOGUARD	FL	45	5	50	NA	52
SP11-MW01	FAA-B	VOCs	April	GEOGUARD	교	22	5	27.0	AN	35
SP11-MW02	FAA-B	VOCs	April	GEOGUARD	귙	12	9	22.0	¥ Z	36
SP11-MW03	FAA-B	VOCs	April	GEOGUARD	7	80	2	13.0	Ą	37
SP11-MW07	FAA-B	VOCs	April	GEOGUARD	귙	13	10	22.5	Ą	23
SP11-MW08	FAA-B	VOCs	April	GEOGUARD	귙	55	5	32.0	¥ X	35
SP11-MW09	FAA-B	VOCs	April	GEOGUARD	ᇿ	80	5	17.5	¥	18
EFDZ2-MW03	FAA-B	VOCs	April	GEOGUARD	FL	14.7	10	24.7	ΝA	27
NEA-MW27-3I	ON2	VOCs	April/Oct.	GEOGUARD	AG	40.8	4.7	45.5	NA	20
NEA-MW34-2S	OU2	VOCS	April/Oct.	GEOGUARD	AG	8.5	6.6	18.4	Ą	21
14-554-M	002	Metals	April	GEOGUARD	ΑĞ	5.9	10	15.9	17.05	8
NEA-MW01-1S	OUZ	Metals	April	GEOGUARD	AG	13.4	10	23.4	25.5	19
NEA-MW02-2S	0U2	Metals	April	GEOGUARD	AG	7	<del>0</del>	17.0	19.5	19
NEA-MW20-2S	0U2	Metals	April	GEOGUARD	AG	7.8	6.6	17.7	Ϋ́	50
NEA-MW23-2S	200	Metals	April	GEOGUARD	AG	8.25	4.7	13.0	Ą Z	5
NEA-MW24-2S	OU2	Metals	April	GEOGUARD	<u>.</u>	11.9	9.7	21.6	Ą Z	24
NEA-MW31-3S	OU2	Metals	April	GEOGUARD	AG	12.9	9.7	22.6	Ϋ́	25

Table A1-2
Basewide LTM Program
Monitoring Well Inventory
Wright-Patterson AFB, Ohio

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						Top of				
Sample	Area	Analytical	Sampling	Existing	Wellhead	Screened	Length of	Bottom	Sounded	Borehole
Location		Parameters	Frequency	Pump Type	Completion (AG or FL)	Interval (ft, bgs)	Screen (ft)	of Well (ft, bgs)	Depth (ft, TOC)	Depth (ft, TOC)
FTA2:MW02C	OU3	NOCs	April/Oct.	GEOGUARD	AG	9.6	9.59	19.2	Ϋ́Α	20
05-DM-123S	ണ	NOCs	April/Oct.	GEOGUARD	AG	ຜ	10	15.0	Ϋ́Z	15
05-DM-123I	ကိ	VOCs	April/Oct.	GEOGUARD	Ą	19.75	ς.	24.8	Ϋ́	24.75
05-DM-123D	on3	VOCs	April/Oct.	GEOGUARD	AG	26.8	S	31.8	Ϋ́	31.8
07-520-M	OU3	VOCs/ Metals	April/Oct.	GEOGUARD	AG	5.1	10	15.1	NA	15.1
BMP-OU4-01B-60	004	NOCs	April/Oct.	GEOGUARD	7	20	10	0.09	ΑN	09
BMP-0U4-01C-84	004	NOCs	April/Oct.	GEOGUARD	겁	74	9	85.0	Ϋ́	82
OU4-MW-02A	0 0	VOCs	April/Oct.	Well Wizard	AG	7	5	17.0	Ϋ́Z	18.5
OU4-MW-02B	9	VOCs	April/Oct.	Well Wizard	ΑĞ	46.1	10	56.1	Ϋ́	28
OU4-MW-03B	9	VOCs	April/Oct.	Well Wizard	AG	22	2	62.0	Ϋ́	64
OU4-MW-03C	004	NOCs	April/Oct.	Well Wizard	AG	73.53	5	83.5	Ϋ́	92
OU4-MW-04B	0 7	VOCs	April/Oct.	Well Wizard	ΑG	30.5	5	43.0	۲	43
OU4-MW-12B	OU4	VOCs	April/Oct.	Well Wizard	AG	39.94	10	49.9	ΝA	105
CW04-060	OUS	SOON	April/Oct.	GEOGUARD	AG	49.7	10	59.7	ΑN	09
CW05-055	902	VOCs	April/Oct.	GEOGUARD	AG	45	10	57.0	Ą Z	22
CW05-085	900	VOCs	April/Oct.	GEOGUARD	ΑG	75	5	85.0	¥	82
CW07-055	900	VOCS	April/Oct.	GEOGUARD	AG	44.5	10	55.0	Ϋ́	55
CW10-055	OUS	VOCs	April/Oct.	GEOGUARD	AG	45	9	95.0	ΑN	98
HD-11	005	NOCs	April/Oct.	GEOGUARD	AG	71	9	85.0	¥	82
HD-12M	905	VOCs	April/Oct.	GEOGUARD	AG	4	5	0.92	¥	9/
HD-12S	902	NOCs	April/Oct.	GEOGUARD	AG	4	9	25.0	₹	22
HD-13S	902	VOCs	April/Oct.	GEOGUARD	AG	22.5	9	33.0	Ą	33
MAD-MON127 (HD-13D)	900	NOCs	April/Oct.	GEOGUARD	AG	96	5	106.0	Ϋ́	107
MW131M (HSA-4A)	902	VOCs	April/Oct.	GEOGUARD	AG	58.3	5	68.3	¥	68.3
MW131S (HSA-4B)	OUS	SOO,	April/Oct.	GEOGUARD	ΑG	22.3	10	32.3	۷ Z	32.3
MW132S (HAS-5)	OUS	VOCs	April/Oct.	GEOGUARD	ΑĞ	38.5	9	48.5	¥ Z	48.5
CW15-055	005	Metals	April	GEOGUARD	AG	45	10	55.0	NA	95
CW3-77	800	NOCs	April/Oct.	GEOGUARD	AG	8.99	10	8.92	AN	76.8
OU8-MW-02S	900	VOCs	April	Well Wizard	F	19	10	29.0	Y.	29.2

Table A1-2
Basewide LTM Program
Monitoring Well Inventory
Wright-Patterson AFB, Ohio

						Top of				
Sample	Area	Analytical	Sampling	Existing	Wellhead	Screened	Length of	Bottom	Sounded	Borehole
Location		Parameters	Frequency	Pump Type	Completion (AG or FL)	Interval (ft, bgs)	Screen (#)	of Well (ft, bgs)	Depth (ft, TOC)	Depth (ft, TOC)
P6-1	800	VOCs	April	Well Wizard	<u> </u>	18.22	9.57	27.8	ΨZ	30.5
P6-2	ണ	\ \ \ \ \	April	Well Wizard	긥	17.77	9.68	27.5	Ϋ́	29
OU8-MW-02D	ണ	Metals	April	Well Wizard	교	64	10	74.0	Ϋ́Z	79.5
OU8-MW-23D	on8	Metals	April	Well Wizard	ብ	41.7	10	51.7	NA	56
EFD04-MW06	റ്റ	SOOA	April	GEOGUARD	AG	25	10	35.0	ΑN	36
EFD09-M575	റെ	%OC	April	GEOGUARD	AG	5.4	10	15.4	16.03	9
P4-2	റെ	Metals	April	GEOGUARD	AG	5.8	10.2	16.0	¥ Z	8
EFDZ3-MW02	റെഠ	Metals	April	GEOGUARD	AG	2	0	20.0	24.78	22
EFDZ3-MW03	റെ	Metais	April	GEOGUARD	AG	12	10	22.0	26.25	24
EFDZ8-MW01	റെ	Metals	April	GEOGUARD	AG	30	10	40.0	NA	42
CHP4-MW01	0010	NOCs	April/Oct.	GEOGUARD	7	36	10	46.0	ΑN	96
GR-330	0010	% %	April/Oct.	GEOGUARD	AG	39.5	9	49.5	50.8	20
GR-333	0010	လို လို	April/Oct.	Redi-Flo II	AG	25.1	9	35.1	¥ Z	36
GR-334	0010	, XOCs	April/Oct.	Redi-Flo II	AG	145	10	155.0	¥ Z	155
OU10-MW-03S	00010	VOCs, Metals	April/Oct.	GEOGUARD	교	27.8	5	37.8	Ą Z	88
OU10-MW-06D	0010	VOCs	April/Oct.	GEOGUARD	귙	140.4	9	150.4	150	151
OU10-MW-06S	OU10	VOCs, Metals	April/Oct.	GEOGUARD	귙	52	5	62.0	60.35	83
OU10-MW-11D	0010	VOCs	April/Oct.	GEOGUARD	귙	87.9	5	97.9	∢ Z	92
OU10-MW-11S	0010	VOCs	April/Oct.	GEOGUARD	교	53.3	5	63.3	¥ Z	63
OU10-MW-19D	0010	VOCS	April/Oct.	GEOGUARD	교	72.1	10	82.1	¥ Z	80
OU10-MW-21S	0010	VOCs	April/Oct.	GEOGUARD	교	15.5	10	25.5	25.5	25
OU10-MW-25S	00110	, 000	April/Oct.	GEOGUARD	귙	98	10	46.0	<b>∀</b> Z	45
23-578-M	0010	VOCs	April/Oct.	GEOGUARD	AG	31.5	10	41.5	Ą Z	41.5
NEA-MW37-1D	0010	NOCs	April/Oct.	GEOGUARD	AG	84.7	6.6	94.6	Ą Z	46
OU10-MW-10I	OU10	Metals	April	GEOGUARD	ΑG	74.8	5	84.8	Ϋ́	82
25-582-M	OU10	Metals	April	GEOGUARD	AG	25.9	5	35.9	36.28	92
25-583-M	0010	Metals	April	GEOGUARD	AG	5	9	23.0	24.3	23
25-584-M	0010	Metals	April	GEOGUARD	AG	15.8	10	25.8	27.78	56

AG = Above ground FL = Flush-mounted

NA = Not avalable, pump in well

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## A2 Operable Unit 1 Compliance Monitoring Objectives and Basewide Procedures Summary

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## Appendix A2

OU1 Compliance Monitoring Objectives and Basewide Procedures Summary

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A2-1 Leachate Collection System Details

#### 1.0 Introduction

The OU1 compliance monitoring program consists of quarterly monitoring of landfill gas (methane) and groundwater levels and annual and semiannual groundwater sampling. The annual and semiannual groundwater sampling objectives are 1) to confirm that contaminants have not migrated beyond the extent detected during the RIs, and 2) to determine whether analytical compliance levels set forth in the ROD have been achieved. The objective of quarterly landfill gas monitoring is to determine whether the landfill gas collection and treatment system has established a capture zone that extends outside the landfill boundaries and prevents migration of landfill gas beyond the landfill boundaries. The objective of quarterly groundwater level monitoring at LFs 8 and 10 is to evaluate the effectiveness of the leachate extraction systems in providing hydraulic containment that prevents the migration of contamination beyond the boundaries of the landfills. Figure A2-1 presents a schematic of the leachate collection system pumps. Overall, data collected as part of the OU1 LTM program will form a data set to be used to evaluate the progress of the ongoing remedial efforts at OU1 and to determine whether the selected remedy identified in the ROD is protective of human health and the environment.

#### 2.0 OU1 Groundwater Sampling Procedures

Groundwater sampling activities at OU1 have been conducted in accordance with the procedures presented in the O&M Plan for LFs 8 and 10 (Kelchner, 1997), with the exception of the quarterly sampling of the leachate extraction wells. The OU1 sampling program was revised for the October 2000 sampling event per the Draft Amendment to the OU1 SPMP (IT, 2000a). Revisions to the program include deletion of the quarterly extraction well sampling and deletion of the extraction wells from the annual sampling programs. The quarterly sampling program has been replaced with semiannual sampling of selected downgradient monitoring wells in accordance with Ohio Administrative Code (OAC) 3745-27-10. The semiannual monitoring well network is a subset of the annual monitoring well network. Table A1-1 in Appendix A1 has been revised to reflect the new monitoring well network.

#### 2.1 Monitoring Well Purging and Sampling Procedures

Prior to the commencement of monitoring well purging, the background and wellhead area at each location was screened with a photoionization detector (PID) to monitor for the presence of airborne VOCs. After VOC screening, static water levels were measured from the top of the inner casing to the nearest 0.01 foot and recorded. Monitoring wells were purged and sampled by the micropurge low flow-rate technique using dedicated pneumatic pumps in accordance with the addendum to FP 5-6 (ES, 1990). Wells with insufficient water columns for dedicated pumps were

hand bailed with a Teflon® bailer. Purge water was containerized and transported back to a central staging area. Purge water from all areas of the Base were containerized together for disposal by a permitted treatment and disposal facility (Section 6.0).

#### 2.1.1 Well Purging: Micropurge Method

The majority of the monitoring wells were purged and sampled with dedicated bladder (pneumatic) pumps using the micropurge method. The micropurge method has been selected for groundwater sampling to maintain low flow rates and a constant dynamic water level and to minimize the drawdown of the static water column above the depth interval being sampled. The pumps are positioned in the lower portion of the screened interval and pumped at sufficiently low flow rates to maintain water levels with only minimal drawdown. Groundwater is drawn directly from within the screened interval of the well where the pump inlet is positioned. All dedicated pneumatic sampling pumps are 1.66 inches in diameter and of either single or two-stage construction. Pump bodies are stainless steel with Teflon® internal bladders. The groundwater sample from soil vapor monitoring point LF08-MP013 was collected with a peristaltic pump using the micropurge method.

Groundwater quality was considered representative of the surrounding geologic formation when the field parameters and the pumping water level in the well had stabilized.

#### 2.1.2 Field Parameters

Purge water was monitored in the field to indicate when the groundwater was representative of the surrounding water bearing zone. The field parameters of temperature, pH, specific conductivity, DO, ORP, and turbidity were measured using Horiba U-22 water quality meters equipped with flow-through cells. Measurements were collected every five minutes during purging until three successive sets of stabilized readings were obtained. Readings were considered stabilized in accordance with FP 5-6 when the physical and chemical parameters were within the following limits:

- pH was within ± 0.2 Standard Units
- Water temperature was consistent within ± 1 degree Celsius (°C)
- Specific conductance was consistent within  $\pm$  50 microSiemens per centimeter ( $\mu$ S/cm) for readings <500  $\mu$ S/cm, or  $\pm$  10% for specific conductance >500  $\mu$ S/cm

If turbidity in the well water exceeded 25 Nephelometric Turbidity Units (NTUs) (FP 5-6) after the above parameters were stabilized, pumping rates were lowered to the lowest possible rate and additional water was purged until the discharge water cleared. Measurements for DO and ORP are monitored for information purposes, but are not included in the stabilization criteria for WPAFB groundwater sampling.

A well was also considered to be sufficiently purged if it went dry repeatedly during purging. If a well still went dry after continued lowering of the pumping rate to obtain a constant water level, it was sampled after sufficient water had recharged the well (FP 5-5). Low recharging wells that were purged dry are typically screened in material of low permeability or have only a small portion of the screen intersecting the saturated zone. In either case, recharge water entering the well will be of low velocity and turbulence. Therefore, the loss of volatiles due to cascading of water is expected to be minimal.

#### 2.1.3 Groundwater Sampling Methods

Immediately after purging, groundwater samples were collected following FP 6-5, using the same dedicated pumps. The analytical laboratory provided new, certified clean sample containers, including volatile organic aromatic (VOA) vials with Teflon®-lined septum caps prepreserved with hydrochloric acid; poly bottles prepreserved with either nitric, sodium hydroxide, or sulfuric acids; and amber glass bottles without preservatives. Sample preservation, containerization, and holding time requirements are presented in Table A2-1. Samples were collected by first filling the VOA vials, then filling the remaining sample bottles. Groundwater samples for VOC analyses were collected by filling each sample container directly from the dedicated Teflon®-lined discharge tubes for each well. Samples for total metals analysis were field checked for the correct pH by pouring a small amount of sample out of the container onto pH paper. VOC samples were not checked for pH to preserve the zero headspace of the filled VOC vials.

#### 2.1.4 Sample Identification

Groundwater samples for VOC analysis were preserved, collected, and handled in accordance with Section 4.0 of Volume 1 and FP 6-12 of Volume 2, Appendix C of the IRP Project Work Plan for Remedial Investigation and Feasibility Studies at WPAFB (ES, 1990). Throughout the LTM program, each sample has been designated with a unique sample number that identifies the location, type of sample collected, and sampling event date. Shaw Environmental's electronic data management system, ShawView, was used for the first time during the October 2002 sampling event. With the incorporation of ShawView, a new sample number code was devised for

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all future sample events. Each sample number is unique and standing alone only identifies the general sample area on Base, the event and the sample type. Within the database, each sample number is associated with a sample location, type, purpose, and event before sampling is started. The new ShawView sample number format is as follows:

• Sample Number: For all samples collected during the October, April, or quarterly (January and July) events, the following sample number identification will be used:

#### WXYzzzz where:

"W" indicates the area of the Base from which the sample was collected. "K" will be used for OU1 samples, "T" for OU2 samples, and "L" for LTM program samples. "X" indicates the event. "H" October and "E" for April events; "Q" for samples collected on a quarterly basis (only the effluent at OU1 will use this identifier). "Y" indicates the sample type. "3" will be for groundwater samples; "6" will be for soil gas samples.

"zzzz" will be numbers assigned to wells in numerical order.

An example sample number for a LTM program sample collected during the October event would be: LH30001; where "L" signifies the Long-Term Monitoring Program, "H" signifies the event (October), "3" signifies the sample type (groundwater), and the "zzzz" identifies a unique sample number assigned to one well location. For example, since the October 2002 round was the first time this system was used, the LTM program sample numbers from this round were LH30001 through LH30076 [including quality assurance/quality control (QA/QC) samples]. For all future sampling events, the sample numbers will continue in sequence from the last utilized number in the previous October or April round. So LTM program samples from October 2003 will begin with sample number LH30077 and samples from April 2003 will begin with LE30001.

- Sample Location Identification Each location is identified by a unique designation. The following designators were used to show the location of each well: "LTM" (Long-Term Monitoring Program); "OU" (Operable Unit); "LF" (Landfill); "CHP" (Central Heating Plant); "WP" (Wright-Patterson); "NEA" (Northeast Area); "EFDZ" (Earthfill Disposal Zone); "xx-0yy-M" Phase 2, Stage 1; site No.-well No.; "xx-5yy-M" Phase 2, Stage 2, site No.-well No.; "CW" OU5 off-site well; "GR" US Geological Survey; "DM" Dames and Moore; "HD" Huffman Dam (City of Dayton); "HSA" Hollow-Stem Auger (City of Dayton); "SP11" (Spill Site 11, [FAA-B]); "B" Building; "BS" Burial Site; and "FTA2" (Fire Training Area 2).
- Groundwater Sampling Event Number Prior to the incorporation of ShawView, the following code was used to identify the sampling event in which the sample was collected: For the April 2002 event, "-0402" followed the well ID to indicate the associated round. In ShawView, when the sample number is created, it is automatically associated with the event within the database. Therefore, the only

designator identifying the event within the sample number is the "H," "E," or "Q" for October, April, and Quarterly Effluent, respectively.

- Sample Purpose Prior to the incorporation of ShawView, duplicate samples were identified with "5" preceding the sampling event designator. Matrix Spike and Matrix Spike Duplicates had "MS" and "MSD," respectively, appended after the well number. Using ShawView, all samples have a unique sample number including duplicates, ambient blanks, and trip blanks, with the exception of MS and MSD samples. For example, well B59-MW03 had a regular and duplicate sample collected during the October 2002 round with associated sample numbers LH30009 for the duplicate and LH30010 for the regular. MS and MSD samples have the same sample number as the regular sample with "-MS" or "-MSD" appended at the end of the sample number. For example, well B79C/D-MW01 had the sample number LH30012 during the October 2002 round. The associated MS/MSD samples collected from that well were labeled LH30012-MS and LH30012-MSD.
- Sample Names The sample name pulls all the pertinent sample information together.
   ShawView automatically generates a sample name by combining the sample location + sample type + sample number + sample purpose. For example, the duplicate sample collected at well B59-MW03 had a sample name of "B59-MW03-GW-LH30009-FD". This sample name is printed on the CofCs and sample collection logs generated in ShawView.

As a check on the quality of field activities (including sample collection, containerization, shipping, and handling), trip blanks, ambient blanks, and field duplicates were collected with specified frequencies following the Project Work Plan (PWP) guidelines. The frequency with which these samples were taken, and number of such samples, is discussed in the following sections. Sampling equipment consisting of pumps, discharge tubing and bailers are dedicated for each well; therefore, equipment rinsate samples were not required.

#### 2.1.5 Sample Handling

Samples were handled in accordance with procedures in Section 5.11.3 of Volume 1 and FP 6-12 of Volume 2, Appendix C, of the PWP (ES, 1990). The Field Team Leaders entered sample numbers, descriptions, and other pertinent information into field logbooks. In addition, CofC records were completed for each sample. CofC records contain sample numbers, date and time of collection, sample names, container types and volumes, preservatives, and analytical parameters. CofC records for the current sampling event are organized by area: OU1 CofC are presented in Appendix C2, OU2 CofC in Appendix F2, and Basewide LTM CofC in Appendix I.

All containers were labeled with the sample number, collector's initials, date and time of collection, sample location, preservatives, and analytical parameters requested. Samples for chemical analysis were kept at approximately 4°C by placing the sample containers on ice in insulated coolers until relinquished to the laboratory courier. Generally, samples were held overnight in a secured sample cooler with custody seals for pickup by the laboratory courier. Samples were then shipped by overnight carrier to the Severn Trent Laboratory located in North Canton, Ohio, for analysis following methods listed in Table A2-1. All samples were maintained under direct control of the sampling team members or Site Coordinator until custody was transferred to the laboratory courier.

#### 2.1.6 Field Quality Control Samples

As a quality check on the field activities (including sample collection, containerization, shipping, and handling), trip blanks, ambient blanks, and field duplicates were collected with specified frequencies following the PWP (ES, 1990). The frequency with which these samples were taken and the number of such samples is discussed below, as well as QA/QC requirements for field analyses. The pumping system for each monitoring well was dedicated and a rinsate blank was not required.

The QA/QC program, implemented in the field to ensure that valid data was obtained during sampling, was performed in accordance with Section 9.0 of the Quality Assurance Project Plan, Volume 2 of the PWP (ES, 1990). The analytical QA/QC sampling protocol is summarized as follows:

QA/QC Sample Type	Frequency
Trip Blanks	1 per VOC cooler per shipping day
Field Duplicates	1 every 10 samples
Ambient Blank	1 per sampling event
Matrix Spikes	1 every 20 samples
Matrix Spike Duplicates	1 every 20 samples

Trip blanks were collected daily and were kept with the VOC samples during handling and shipping to the laboratory.

#### 2.2 Groundwater Sampling Analytical Methods

Groundwater samples were analyzed for VOCs by USEPA Method 8260B, with the additional reporting of MTBE. USEPA Method 8260 was originally specified for VOC analysis for the Baseline Basewide Monitoring in April 1998 (IT, 1999c); however, it was determined that Method 8260 could not achieve the low detection limits required for some of the OU1 parameters or for vinyl chloride. USEPA Method 524.2 for drinking water replaced Method 8260 for all VOC analyses to achieve the lower detection limits; however, using this method required the primary laboratory to ship samples to an affiliate laboratory for analysis. Subsequently, Method 8260B was developed because it achieves the lower detection limits and because samples can be analyzed at the primary laboratory, improving reporting time. Method 8260B will be used for VOC analyses for all subsequent sampling events.

#### 3.0 OU1 ROD Compliance Levels

OU1 monitoring well sampling results are compared to compliance levels that were established to provide acceptable exposure levels that are protective of human health and the environment and include the MCL and/or the ROD compliance level (i.e., a risk-based concentration level) for each COC. The ROD compliance levels were based on back-calculating the risk associated with potential household use of the landfill leachate (ROD, Section I; WPAFB, 1993). When both an MCL and a ROD compliance level exist for a COC, the ROD compliance level was used for evaluation. The ROD compliance levels are typically more conservative criteria than the MCLs and are the current ROD criteria for system shut-off. If no ROD compliance levels are exceeded by the COCs after one year of groundwater monitoring, the leachate collection and treatment system will be shut off. The MCLs are provided in this report for information purposes.

#### 4.0 OU1 Landfill Gas Monitoring

The following sections present an overview of the landfill gas monitoring effort at OU1.

#### 4.1 OU1 Landfill Gas Monitoring Locations

The permanent OU1 landfill gas monitoring probes, punchbar monitoring points, and LF10 GBT are monitored in accordance with the ROD. Monitoring was performed quarterly for the first 5 years of the post-remedial action construction period and will be conducted semiannually for the period between 5 years and the director's granting authorization to cease monitoring. As described in Section 2.1, the purpose of OU1 landfill gas monitoring is to determine the effectiveness of the landfill gas collection system in establishing a capture zone that extends outside the landfill boundaries. The existing landfill gas monitoring probes and permanent

punchbar locations at LFs 8 and 10 are located within the surrounding Base residential property lines to monitor for potentially migrating landfill gas. In addition to the monitoring probes and punchbar locations, the GBT, located east of LF10, is monitored at the locations shown on Figure 2-9.

#### 4.2 Landfill Gas Monitoring Procedures

Procedures and locations for landfill gas monitoring at LFs 8 and 10 are presented in the SPMP of the OU1 O&M Plan (Kelchner, 1997) and in the Methane Gas Migration Study (ES, 1991). The SPMP landfill gas monitoring procedures were written for individual, hand-held combustible gas indicators (CGIs), O<sub>2</sub> meters, and PIDs and call for removing the probe cap and measuring the initial gases at the top of the probe. The procedure also specified that if the initial CGI readings obtained were equal to or greater than 25 percent of the LEL, the probe was to be recapped and the Site Coordinator informed.

OU1 landfill gas readings from the permanent probe locations are now measured with a Landtec GA-90 Infrared Gas Analyzer that is connected to a pressure valve on the unvented probe cap, allowing for a more accurate reading. Soil vapor is then purged from the probe with the sampling pump in the meter. Levels of methane, LEL, carbon dioxide, oxygen, and pressure are displayed on a digital readout. After stabilization, the readings are recorded. A sustained methane reading is taken only if there is an initial detection of methane in the monitoring probe. If methane is detected, the cap-valve assembly of the probe is removed to open the top and allow the methane to dissipate for 30 minutes. The probe is then reassembled and the sustained reading is taken. The procedure for collecting the sustained reading is consistent with the method used by the previous OU1 monitoring subcontractor, but is not specified in the O&M Plan. However, some of the PVC probes were becoming loose in their settings when trying to remove the caps, and the integrity of the probes was becoming compromised. The valves in these probes have been replaced with ball valves that open to the outside atmosphere to vent the probe.

Punchbar locations are used to monitor for potential landfill gas migration along utility lines into the neighborhoods adjacent to the landfills. At these locations, a monitoring hole is created in the soil by driving a ½-inch diameter steel rod with a weighted slide-hammer to a maximum depth of 2.5 feet below ground surface. Note: personnel shall verify that no underground utilities are present prior to using the punchbar. A gas sample is then collected by inserting the

polypropylene tubing into the borehole, pinching the surface soil around the tube, and starting the vacuum pump.

#### 5.0 OU1 Water Level Monitoring and Evaluation

Groundwater levels are measured to evaluate the effectiveness of the extraction system in lowering water levels in the vicinity of the landfills. The Design Package Number 1, Final (100%) Design (IT, 1994) states that "the leachate collection system shall establish a capture zone that extends outside the landfill boundaries as determined by groundwater level measurements." To accomplish this objective, the soil barrier layer of the landfill cap has an approximate maximum permeability of  $1 \times 10^{-6}$  cm/s coupled with a synthetic geomembrane, as the primary components to minimize infiltration (Kelchner, 1997). This design is consistent with the alternative cap design recommended in the "Guidance on Alternative Designs for Liners and Cap System Barrier Layers" (OEPA, 1993). In addition, the extraction well networks for each landfill were uniquely configured to establish the required capture zones. Measurements were recorded to the nearest 0.01-foot in accordance with FP 7-2, using electric tape water level indicators. During June 2001, WPAFB cleaned the silt from around the extraction well screened intervals and pump inlets to improve efficiency.

To interpret the groundwater elevations at LF8 and LF10, groundwater contours were generated using SURFER™, a computer contouring package (Golden Software, Inc.). The contours were generated by first overlying a grid on the landfill. Hydraulic head values at the grid nodes were then computed from the measured values using linear kriging, an interpolation option in SURFER™. Due to the varying depths of the screened intervals, not all of the measured groundwater elevations were used to develop the groundwater elevation contours. Only monitoring wells with screened intervals at the approximate elevation of the bottom of the extraction wells were contoured.

The velocity vectors shown on the figures are oriented perpendicular to the groundwater elevation isopleth contours and illustrate the groundwater flow movement through the landfill. The length of an arrow represents the relative magnitude of groundwater velocity.

#### 5.1 LF8 Objective and Evaluation Method

The objective of the extraction system at LF8 is to provide a capture area on the downgradient portion of the landfill (east and northeast sides) that prevents migration of the dilute leachate from LF8. To demonstrate the effectiveness of the LF8 extraction wells in creating a continuous N:\3\829564\LTM\2004\October04\Draft\Appendix\Appenda2.doc

capture zone, particle tracks were plotted to show the streamlines for groundwater flow through the landfill and typically into the extraction wells.

Groundwater particle tracks are created with Environmental Visualization Software (C Tech Development Corp.) using the kriging method. To create the particle tracks, a potentiometric surface of groundwater head is developed from the water level data, followed by a gradient calculation that plots streamlines. Particles are then released from the centerline (high point) of LF8 to illustrate the downgradient migration pathlines of potential contaminants released from the landfill. The pathlines will indicate if the groundwater extraction system is operating normally and capturing contaminant particles along the eastern edge of LF8 prior to migrating downgradient from the landfill. Particle capture is indicated by a pathline terminating at an extraction well. If a specific extraction well is not operating effectively or is out of service, particle capture will not occur at that well. However, the extraction wells are configured to provide overlapping capture zones for adjacent wells that are out of service.

#### 5.2 LF10 Objective and Evaluation Method

Landfill 10 represents a local hydrologic high where groundwater from outside the landfill does not contribute substantially to leachate generation. The objective of the extraction system at LF10 is to maintain groundwater levels below the bottom of the landfill to prevent water from mixing with the in-situ waste at the landfill. By controlling the groundwater levels, the impact of the LF10 leachate on the environment is minimized.

The effectiveness of the LF10 extraction system is evaluated by comparing the elevation of the water table to the elevation of the landfill bottom. The system is achieving the stated goal as long as the water table is below the landfill bottom. If that occurs, any verification of the radius of influence for the extraction wells is not necessary. The extraction wells serve the purpose of lowering the water table rather than creating a capture zone under LF10. Water level elevation contours for the entire LF10 hydraulic containment monitoring well network are presented graphically to illustrate the variable groundwater flow patterns. The water level elevation contours were generated from the extraction wells and monitoring wells screened at the approximate same depth as the extraction wells.

#### 6.0 OU1 Effluent Collection System Monitoring

To comply with the conditions specified in the City of Fairborn sewer discharge permit, one sample per quarter is collected from the discharge line of the effluent collection system. These

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samples were collected by first purging an initial amount of water from the valve-operated tap in the discharge line to clear any stagnant water within the tap. A minimum purge volume for stabilization was not required, as the treatment system is in continuous operation. Purged water was containerized and disposed of in the LTM collection tank. After clearing the stagnant water, samples were collected directly from the discharge line tap. Analytical parameters and handling criteria for the sample collected from the leachate collection system discharge line are presented in Table A2-2.

In addition to reporting the effluent analytical data semiannually in the April and October LTM reports, quarterly reports are submitted to the WPAFB project manager and to the City of Fairborn Water Projects Coordinator.

Table A2-1

# OU1 Remedial Action Groundwater Quality Monitoring Sample Handling Criteria Wright-Patterson AFB, Ohio

Parameter	Analytical Method <sup>1</sup>	Sampling Frequency	Container	Sample Preservative	Holding Time
Volatiles	EPA 8260B	Semiannual	Three x 40-ml glass vials, no headspace, teflon- lined septum cap	HCl to pH ≤ 2; Store @ 4°C	Analyze within 14 days
Metals - Mercury	EPA 200 - E245.1	Semiannual	One 1 liter polyethylene bottle	HNO₃ to pH ≤ 2 Store @ 4°C Field-filter (FP 6-8)	28 days
Semi-Volatiles	EPA 8270	Annually	Two x 1 liter amber glass bottle, Teflon-lined cap	Store @ 4°C	Extract within 7 days; analyze within 40 days after extraction
Dioxin/Furans	EPA 8290	Annually	Two x 1 liter amber glass bottle, Teflon-lined cap	Store @ 4°C	Extract within 1 year; analyze within 90 days after extraction
Pest/PCBs	EPA 8081A/8082	Annually	One x 1 liter amber glass bottle each	Store @ 4°C	Extract within 14 days; 40 days to analyze
Ammonia	EPA 350.3	Annually	One x 250 ml poly	H₂SO₄ to pH ≤ 12 Store @ 4°C	Analyze within 28 days
Cyanide	EPA E335.2	Annually	One x 250 ml poly	NaOH to pH > 12 Store @ 4°C	Analyze within 14 days
Extra Extractable		Annually	One x 1 liter amber glass bottle	Store @ 4°C	

<sup>&</sup>lt;sup>1</sup> Analytical methods per OU1 Final O&M Plan, or similar – Part 4 (Kelchner, 1997).

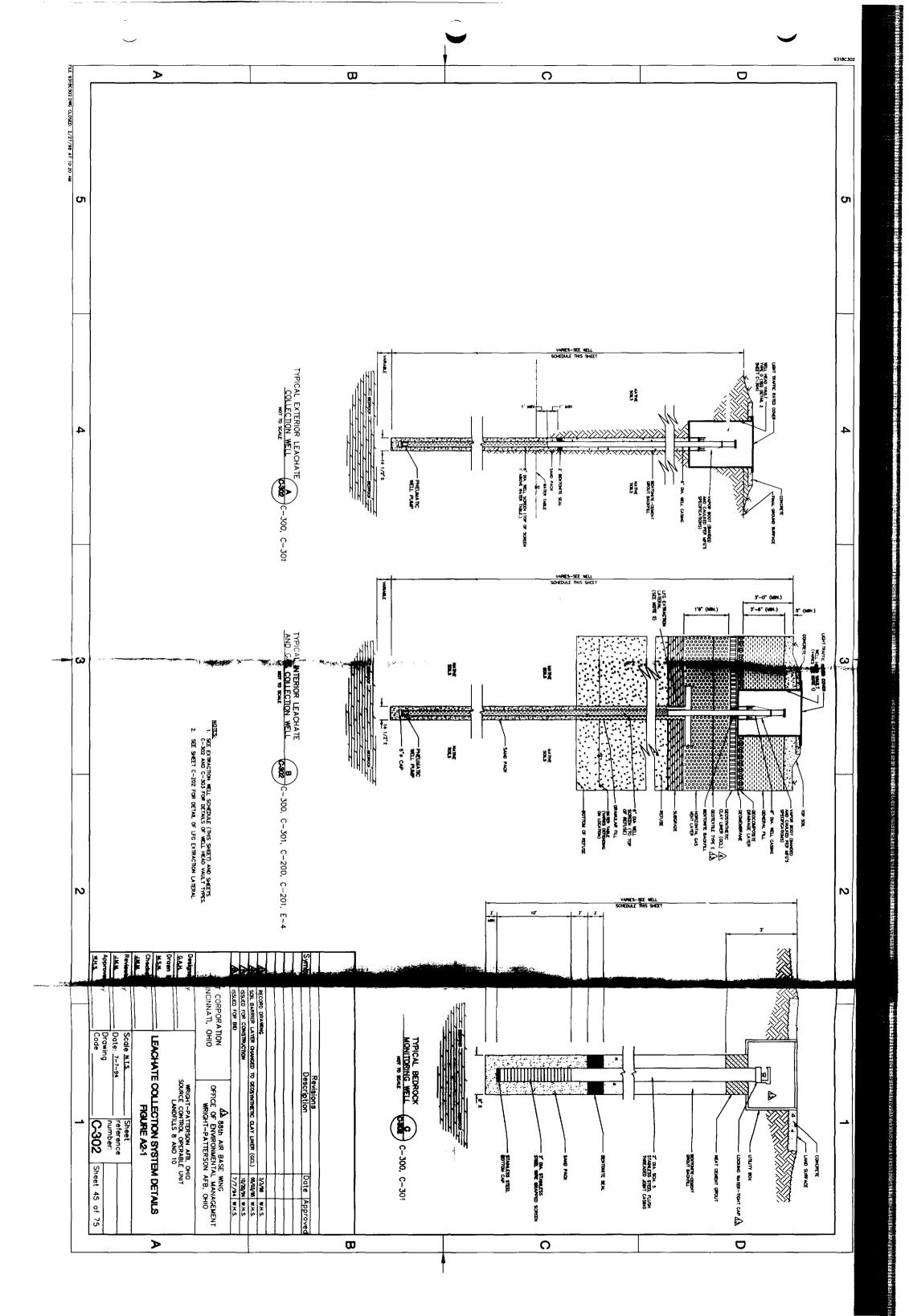
#### Table A2-2

#### OU1 Quarterly Effluent Discharge Line Sampling Program Wright-Patterson AFB, Ohio

Parameter	Analytical Method	Container	Preservative	Holding Time
Volatile Organics 1,2-Dichloroethene Benzene Methylene Chloride Toluene	EPA 8260B <sup>(a)</sup>	Three 40-ml glass vials; Teflon-lined septum cap	HCl to pH ≤ 2; store @ 4°C.	Within 14 days
Metals (total) Arsenic Cadmium Chromium Copper Lead Mercury Molybdenum Nickel Selenium Zinc	EPA 200.7 <sup>(b)</sup> and EPA 245.1 <sup>(b)</sup>	One 1-liter polyethylene bottle	HNO₃ to pH ≤ 2; store @ 4°C.	28 days
Oil and Grease	EPA 1664A <sup>(b)</sup>	One 1-liter amber glass	H₂SO₄ to pH ≤ 2; store @ 4°C.	28 days
Total Suspended Solids	EPA 160.2 <sup>(b)</sup>	One 250-ml polyethylene	Store @ 4°C.	7 days
Chemical oxygen Demand	EPA 410.1 <sup>(b)</sup>	One 250-ml glass or polyethylene	H <sub>2</sub> SO <sub>4</sub> to pH ≤ 2; store @ 4°C.	28 days
рН	EPA 150.1 <sup>(b)</sup>	One 250-ml glass or polyethylene	None Required	Analyze immediately
Total Flow and Daily Flow	N/A	Field reading from totalizing flow meter and strip chart recorded	N/A	N/A

<sup>(</sup>a) "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater," 40 CFR, 136, Appendix A, October 26, 1984, and subsequent revisions

<sup>(</sup>b) "Methods for Chemical Analysis of Water and Wastes," EPA-600/4-79-020, March 1983 and subsequent revisions.



A3 Operable Unit 2 ROD Long-Term Monitoring and Sampling Procedures Summary

## Appendix A3

**OU2 ROD Long-Term Monitoring** and Sampling Procedures Summary

#### 1.0 Introduction

- 2 This section presents a brief investigative history and a summary of field activities conducted at
- 3 OU2.

4

1

- In accordance with the September 30, 1997, ROD (WPAFB, 1997) and remedial alternative
- 6 GW2a from the Final FS for Spill Sites 2, 3, and 10 within OU2 (ES, 1996), a long-term soil gas
- 7 and groundwater monitoring program was initiated for this unit. The LTM Program includes the
- 8 Baseline evaluation, conducted in May 1997, and semiannual rounds of groundwater and soil gas
- 9 sampling and analysis. The objectives of this monitoring program are to evaluate the
- 10 effectiveness of in situ biodegradation and natural attenuation processes on petroleum
- 11 hydrocarbon contamination in soil and groundwater.

12

- In December 2000, well cluster NEA-MW28 was converted to a flush-mounted well completion.
- During removal of the sampling pumps, it was discovered that the well pad monument of
- monitoring well NEA-MW28-5S was incorrectly labeled as being well NEA-MW28-4I, the
- intermediate depth well of the MW28 cluster. NEA-MW28-5S was conversely labeled as
- 17 MW28-4I. Therefore, since the Baseline sampling event in April 1997, well MW28-4I has been
- sampled in place of well MW28-5S. Once the wells were correctly identified, well MW28-5S
- was sampled during Round 7 on December 8, 2000.

20 21

#### 2.0 Groundwater Sampling Field Procedures

- 22 Groundwater samples were analyzed in the field for natural attenuation parameters of DO and
- 23 ferrous iron using a Horiba U-22 water quality meter and a HACH<sup>®</sup> Photometer Kit,
- respectively. In addition, during the purging of each monitoring well, temperature, pH,
- 25 conductivity, turbidity, and ORP were measured in the field in accordance with FP 5-5 and FP
- 5-6. The water quality meters were equipped with a flow-through cell, and measurements were
- 27 collected every five minutes during purging.

28 29

#### 3.0 Soil Gas Sampling Field Procedures

- 30 Soil vapor samples were collected in Tedlar<sup>TM</sup> bags using a hand-operated vacuum pump. Prior to
- sampling, the pump was purged with ambient air for 20 cycles to clear any residual vapors from the
- 32 previous sample. The Tedlar™ bag samples were sent to the off-site laboratory for BTEX and TVH
- analysis by USEPA Method 19 TO-3. Soil gas samples were also analyzed for natural attenuation
- parameters, including methane, oxygen, and carbon dioxide by ASTM Method D1946.

#### 4.0 Free-Product Removal

- 2 Monitoring well WP-NEA-MW21-3S has historically had a layer of hydrocarbon product
- ranging from 0.01 foot to 1.0 foot on the water surface. Prior to the OU2 ROD sampling, a belt-
- 4 skimmer removed the hydrocarbon layer from within the well. Beginning with Round 4 of the
- 5 OU2 ROD sampling in April 1999, well MW21-3S was sampled by temporarily removing the
- 6 belt-skimmer and placing a disposable, hydrophobic, hydrocarbon absorbent tube (i.e.,
- 7 SoakEase<sup>TM</sup>) in the well to remove the residual hydrocarbon film. As the product layer in
- 8 NEA-MW21-3S diminished, this passive method permanently replaced the existing belt-
- 9 skimmer system in June 1999. To conduct groundwater sampling, the SoakEase<sup>TM</sup> was removed
- and a dedicated pneumatic submersible pump was installed for sampling. Due to an increase in
- the hydrocarbon layer, on June 9, 2000, the SoakEase<sup>TM</sup> was replaced with a Petro-trap<sup>TM</sup>
- 12 hydrocarbon removal system. The Petro-trap<sup>TM</sup> is a passive hydrocarbon removal system that
- has a floating hydrophobic membrane that allows only hydrocarbon fluids to pass into a self-
- 14 contained reservoir. On October 10, 2001, it was determined that the product layer had
- diminished to the extent that the Petro-trap<sup>TM</sup> was ineffective and the SoakEase<sup>TM</sup> was reinstalled
- 16 for continued recovery of the thin product layer.

17 18

1

- To ensure continued free-product recovery, the SoakEase<sup>TM</sup> was checked and replaced
- 19 periodically. In addition, when the SoakEase<sup>TM</sup> was checked, the remaining free-product layer
- 20 (if greater than 0.25 ft) was completely removed with a peristaltic pump and dedicated tubing.

21

- Due to an increase in the product layer in July 2002, a large-scale recovery system was installed
- during the September-October 2002 sampling event and activated in November 2002. The
- remediation system, called a "Bioslurper," is a flexible vacuum tube that is installed inside a
- 25 monitoring well and used to vacuum the light, non-aqueous phase liquid hydrocarbons (LNAPL)
- and shallow contaminated groundwater from the surface of the water table. Due to mineral
- 27 fouling and intermittent free product recovery, the system had not operated continuously since
- installation and has been deactivated. When the Bioslurper was in operation contaminated
- 29 groundwater, along with minor LNAPL, was processed through the Bioslurper system's phase
- 30 separation tank, oil-water separator, and liquid and air carbon units. The finished water would
- 31 then be discharged via the storm sewer under a National Pollutant Discharge Elimination System
- 32 (NPDES) discharge permit. In addition to the Bioslurper, other modes available for advanced
- stages of remediation are bioventing and soil vapor recovery.

34

# A4 Basewide Long-Term Monitoring Site History and Monitoring Procedures

Table A4-1 OU5 Historic Groundwater Sampling

Results: VOCs

Figure A4-1 Building 59 Site Map

Figure A4-2 Building 79/95 Site Map

Figure A4-3 Spill Site 11 (FAA-B) Site Map

## Appendix A4

**Basewide Long-Term Monitoring Site History** and **Monitoring Procedures** 

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### 1.0 Introduction and Site History

- 2 Site history, hydraulic containment evaluation (OU5), groundwater sampling procedures, and
- data evaluation methods that have not changed from event to event are presented here. This
- 4 format is used to streamline reading the report yet still retain background information.

5

1

### 2.0 OU5 Site Location and Hydraulic Containment Evaluation

- 7 This section presents the hydraulic containment evaluation method used for OU5 and the
- 8 groundwater treatment system.

9 10

#### 2.1 OU5 Site Location

- OU5, located in the southwest corner of Area C, is a collection of discrete sites that have or may
- have been used for handling or disposal of hazardous materials in the past. It also includes other
- impacted areas located adjacent to these sites. The discrete sites include Landfill 5 (LF5), Fire
- 14 Training Area 1 (FTA1), the Gravel Lake Tanks Site (GLTS), and Burial Site 4 (BS4). Site
- background information, including a summary of the types of wastes that were historically dis-
- posed of at LF5 and a synopsis of the land use in the surrounding area, is presented in the
- October 1998 LTM (1999b) report and the OU5 Installation Restoration Program Final
- 8 Remedial Investigation Report Operable Unit 5 (IT, 1995a).

19 20

#### 2.2 Hydraulic Containment Evaluation

- To evaluate the effectiveness of extraction well EW-1 at OU5 in creating a continuous capture
- 22 zone capable of preventing off site contaminant migration, water level elevations from a selected
- 23 monitoring well network were used to create hydraulic head contour lines. Groundwater
- 24 elevations were calculated from water level measurements taken from a surveyed reference point
- at each well. Water level elevations for each monitoring well were calculated by subtracting the
- 26 measured depth to water from the reference elevation for the well. For those wells that are not in
- 27 the OU5 water quality monitoring network and do not have dedicated sampling pumps, measure-
- 28 ments were taken from the top of the inner well casing. For those wells with dedicated sampling
- 29 pumps, measurements were taken from the top of the well cap at the monitoring port. Hydraulic
- 30 head contour lines were generated using SURFER (Golden Software, Inc.), a grid-based
- 31 contouring and three dimensional surface plotting graphics program. The modeling area of OU5
- represented in the figures is 2,300 feet long and 2,200 feet wide and discretized into 231 columns
- and 220 rows, with a uniform spacing of 10 feet. The contours were generated by first overlaying
- the area with a 231 node by 221 node grid. The value of the hydraulic head at a grid node was
- computed from 22 measured values using the linear kriging interpolation option in SURFER.

- 1 These selected wells are a subset of the total hydraulic containment monitoring well network and
- were selected to be representative of the groundwater flow system that is influenced by EW-1
- 3 based on the depths of the screened intervals (20 to 85 feet bgs).

4

- 5 The accuracy of a potentiometric surface map depends not only on the number of measured
- 6 values, but also on the distribution of the measuring points (monitoring wells). As seen in Figures
- 7 3-3 through 3-8, the well network used for hydraulic containment monitoring is located
- 8 throughout the OU5 area and includes monitoring well clusters (wells completed to different
- 9 depths at the same location). At the well clusters, only wells completed to an intermediate depth
- 10 (down to approximately 85 feet bgs) were used in contouring. In spite of the variability in aquifer
- recharge between portions of OU5 and lake impact, the water levels are reasonable considering the
- 12 historic water levels from previous years and the regional groundwater flow direction. The
- groundwater elevation contours shown on the figures are representative of the general
- 14 groundwater flow conditions at OU5 and indicate the extent of the cone of depression created by
- pumping extraction well EW-1. Additional testing and evaluation of the OU5 aquifer
- 16 characteristics were conducted as a separate study and are presented in the OU5 Groundwater
- 17 Extraction System Evaluation (IT, 2002a).

18 19

#### 3.0 LTM Site and Investigation History

- 20 The following sections detail the previous investigations and monitoring activities for the former
- Building 59 and Building 79/95 complexes, OU5 (FAA-A), and SP11 (FAA-B).

22 23

#### 3.1 Former Building 59 Complex

- 24 The SI at Building 59 was initiated to identify the source areas and the nature and extent of VOC
- contamination in the water flooding the basement of Building 59A (IT, 2001d). The suspected
- sources of the contamination (sludge from the sumps and the oil/water separator) were removed
- between March 24 and April 7, 1999. In January 2001, a subsurface investigation of the area
- 28 was conducted and is presented in the Building 59 Subsurface Investigation Data Report
- 29 (IT, 2001e). Based upon the results of this subsurface investigation, the oil/water separator was
- decommissioned, Building 59 was demolished, and areas of contaminated soil were removed.
- The soil was excavated down to the top of encountered bedrock (approximately 8.5 feet bgs),
- which yielded the removal of 347.41 tons of TCE contaminated soils. The area was backfilled
- with appropriate fill material, re-graded, and paved. Remediation activities were completed in
- March 2001 [Oversight and Sampling, Building 59 Demolition Report (IT, 2002d)]. Figure A4-1

- presents the location and proximity of the excavation to the Building 59 monitoring wells.
- 2 Continued semi-annual monitoring will identify any trends in contaminant concentrations.

3

#### 3.2 Former Building 79/95 Complex

- 5 The SI at the former Building 79/95 Complex was initiated in April 2000 to identify the nature
- 6 and extent of contamination associated with former rocket engine testing activities and
- subsequent building uses (IT, 2003c). Field activities were conducted as a phased investigation.
- 8 The initial phase was conducted in March 2001 and consisted of 18 soil borings, with soil,
- 9 groundwater, surface water, and sediment sampling. Results from this first phase indicated areas
- of concern where TCE contamination was detected. The suspected sources were the acid sumps,
- floor drains, and associated piping in the vicinity of Buildings 79C and 79D. These sources were
- removed, along with the rest of the building structures, in September 2001. The supplemental
- phase was a focused investigation conducted in November 2001. It consisted of 10 soil borings
- and groundwater sampling locations in the areas of concern. The supplemental investigation
- delineated the vertical and lateral extent of the TCE contamination and verified the potential
- source areas. In February 2002, four new monitoring wells were installed in and downgradient
- of the potential source areas. Figure A4-2 shows the sampling locations from the initial and
- .8 supplemental investigations at the former Building 79/95 Complex and the four permanent
- monitoring wells. These four new monitoring wells were sampled for the first time under the
- 20 LTM program during the October 2002 sampling event. Results from the monitoring well
- sampling indicate the boundary of the TCE contamination as seen in the figures presented in
- 22 Chapter 7.0. Continued semi-annual sampling will monitor the degradation and reduction in
- 23 VOC concentrations over time.

2425

### 3.3 OU5 Water Quality Monitoring

- 26 The original water quality monitoring program under the System Performance Monitoring Plan
- included quarterly sampling of 19 OU5 monitoring wells (IT, 1992). The Removal Action
- 28 System Performance (RASP) monitoring program was conducted prior to the SPMP and
- consisted of 24 wells that were sampled quarterly. Of the 24 wells monitored, VOCs were
- 30 regularly either not detected or were detected significantly below the MCL in 15 wells, as
- 31 reported in the Draft Final Removal Action System Performance Report No. 27, April-September
- 32 1998, Landfill 5 Groundwater Treatment System, Volume 1 (Tetra Tech, 1998). A summary of
- the historic contaminant concentrations is presented in Table A4-1.

34

- 1 Based on these historic analytical results and evidence that hydraulic containment of the
- 2 groundwater plume is occurring, the 24 monitoring wells specified for continued sampling were
- 3 reduced to nine wells. These nine wells were presented in the EE/CA for the Basewide
- 4 Monitoring Program (IT, 1999a) and GWOU ROD (WPAFB, 1999). To provide a more
- 5 comprehensive coverage downgradient of EW-1, monitoring wells Mad Mon 127 (HD-13D)
- 6 (screened interval: 96 to 106 ft bgs), and CW04-060 (screened interval: 50 to 60 ft bgs) were
- 7 added to the water quality monitoring well network during the April 2000 sampling event. These
- 8 11 wells are currently sampled semiannually and now comprise the LF5 groundwater quality
- 9 monitoring network.

10

- Water quality monitoring at OU5 is now conducted under the Basewide LTM Program. A
- presentation and discussion of the current analytical results from the current sampling event are
- presented in Chapters 6 and 7, respectively.

14 15

#### 3.4 Further Action Area - A (OU5) - In-situ Remediation Pilot Study

- 16 The groundwater VOC plume at OU5 extends from LF5 off-site onto the Huffman Preserve.
- 17 This area of contamination was identified as FAA-A in the EE/CA (IT, 1999a). Under the
- 18 EE/CA, an in-situ remediation consisting of injecting an oxidizing reagent into the subsurface
- was determined to be the most effective option. During June and July 2000, a permanganate
- 20 injection pilot test was conducted in the vicinity of extraction well EW-1 to oxidize chlorinated
- ethenes (PCE, TCE, and DCE) and to observe the remedial effects. The pilot study consisted of
- injecting a permanganate solution into one existing monitoring well (CW05-085) and one new
- well (TTW-01) with EW-1 turned off. A total of 4,800 gallons of permanganate solution was
- injected into CW05-085 and 5,400 gallons of solution was injected into TTW-01. A residence
- 25 time of approximately 6 weeks was allowed from the first injection before EW-1 was restarted.
- 26 After the injections into each well were completed, surrounding monitoring wells were sampled
- for field parameters to observe the permanganate plume movement. The last sample of the test
- was collected on July 13, 2000. Immediately after the injections, VOC concentrations in wells
- 29 CW05-085 and TTW-01 went to below detection limits. During subsequent OU5 LTM sampling
- 30 events, the VOC levels in wells CW05-085 and HD-11 (located immediately downgradient of
- 31 TTW-01) have fluctuated. However, as seen in Table 6-2, VOC concentrations in wells
- 32 CW05-085 and HD-11 have recently begun to decrease. For a complete presentation of the test,
- 33 please see the Final Report, Further Action Area-A Treatability Tests, WPAFB, Groundwater
- 34 Basewide Monitoring Program (IT, 2001c).

35

#### 3.5 Further Action Area - B (Spill Site 11) - In-situ Treatability Tests

- 2 The in-situ treatability test at FAA-B was conducted from October 26 through October 29, 1999.
- 3 The test consisted of injecting Fenton's Reagent, a combination of hydrogen peroxide and a
- 4 catalyst (ferrous iron), into the VOC contaminated saturated zone of the water table aquifer.
- 5 During the test, approximately 1,200 gallons of 25% hydrogen peroxide, 1,200 gallons of 50%
- 6 hydrogen peroxide, and 4,600 gallons of ferrous sulfate catalyst (approximately 100 ppm FeSO<sub>4</sub>)
- 7 were injected into eight injection wells, one vent well (VW4), and two monitoring wells
- 8 (SP11-MW03 and SP11-MW07). Figure A4-3 shows the location of the injection points used
- 9 during the test. Monitoring well SP11-MW03 was an existing monitoring well from the initial
- investigation in November 1995 and SP11-MW07 was a new well installed in October 1999 for
- the treatability test. Three rounds of baseline (pre-injection) groundwater sampling were
- conducted in wells SP11-MW03 and -MW07 to establish pretreatment VOC concentrations in
- the center of the VOC plume. After the application of the treatment, three subsequent (post-
- injection) samples were collected from wells SP11-MW03 and -MW07. Vinyl chloride in well
- 15 SP11-MW03 decreased from 82  $\mu$ g/L in the pre-injection sample to 49  $\mu$ g/L in the post-injection
- sample. Total 1,2-DCE, however, increased from 5 µg/L to 36 µg/L during the injection period.
- 17 At well SP11-MW07, the concentration of vinyl chloride decreased from 25 µg/L to 5.4 µg/L,
- while the concentrations of total 1,2-DCE increased from 170 μg/L to 437 μg/L and TCE
- increased from 7.9  $\mu$ g/L to 61.7  $\mu$ g/L.

20

30

31

- Well SP11-MW07 is located adjacent to the cement pad within Facility 92, the drum storage
- area. Soil from around this well was removed in October 2000 and replaced with clean gravel.
- 23 This location initially appeared to be the center of the VOC plume and the increase in some of
- 24 the VOC concentrations after the treatment application may have been due to the release of
- residual contamination from the subsurface clays. As seen in the April 2003 analytical results,
- 26 however, the TCE, vinyl chloride, and total 1,2-DCE concentrations have decreased, which may
- 27 indicate that the plume has shifted slightly downgradient, with SP11-MW03 now in the center.
- 28 Continued annual long-term monitoring will identify any trends in the contaminant
- 29 concentrations at these locations.

#### 4.0 LTM Groundwater Sampling Procedures

- 32 Data collected under the LTM program will form a data set to be used to evaluate trends in the
- organic and inorganic COCs in groundwater and to evaluate the progress of ongoing remedial

actions throughout WPAFB. The following sections present the monitoring well networks for 1 2 each investigation area and the groundwater sampling procedures used. 3 4.1 Well Purging 4 Procedures for well purging, sampling methods, sample management, handling, and containers 5 and preservatives were all conducted in accordance with the procedures described in 6 7 Appendix A2. 8 4.2 LTM Monitoring Well Network 9 10 The current monitoring well networks that comprise the LTM program for each area of concern are presented below. 11 12 13 Semiannual VOC sampling (April and October): Bldg. 59: B59-MW01, B59-MW02, B59-MW03, and B59-MW04 14 15 Bldg. 79: B79C/D-MW01, B79C/D-MW02, B79C/D-MW03, and B79C/D-MW04 16 **BS5**: BS5 P-1, BS5 P-2, BS5 P-3, and BS5 P-4. 17 OU2: NEA-MW34-2S and NEA-MW27-31 (OU10). 18 19 OU3: FTA2:MW02C, LF12:MW15A (abandoned), 07-520-M, 05-DM-123S, 05-DM-1231, 05-DM-123D. 20 21 OU4: OU4-MW-02A, OU4-MW-02B, OU4-MW-03B, OU4-MW-03C, OU4-MW-04A (deleted), OU4-MW-04B (substitution for MW-04A in April 2002), 22 OU4-MW-12B, BMP-OU4-1B-60, and BMP-OU4-1C-84. 23 OU5: CW04-060, CW05-055, CW05-85, CW07-055, CW10-055, HD-11, HD-12M, 24 HD-12S, HD-13S, MAD-MON127 (HD-13D), MW131M (HSA-4A), MW131S 25 (HSA-4B), and MW132S (HSA-5). 26 OU8: CW03-77. 27 **OU10:** 28 OU10-MW-03S, OU10-MW-06S, OU10-MW-06D, OU10-MW-11S, OU10-MW-11D, OU10-MW-19D, OU10-MW-21S, OU10-MW-25S, GR-333, 29 GR-334, NEA-MW37-1D, CHP4-MW01, GR-330, and 23-578-M 30 31 **Annual VOC sampling (April):** 32 **BS6**: 33 BS6 P-1 and BS6 P-2.

SP11-MW09 and EFDZ2-MW03.

FAA-B:

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SP11-MW01, SP11-MW02, SP11-MW03, SP11-MW07, SP11-MW08,

1	OU8:	OU8-MW-02S, P6-1, and P6-2.
2 3	OU9:	EFD04-MW06 and EFD09-M575.
4	<b>Annual Met</b>	als sampling (April):
5 6 .	OU2:	14-554-M, NEA-MW01-1S, NEA-MW02-2S, NEA-MW20-2S, NEA-MW23-2S, NEA-MW24-2S, and NEA-MW31-3S.
7	OU3:	07-520-M.
8	OU5:	CW15-055.
9	OU8:	OU8-MW-02D and OU8-MW23D.
10	OU9:	P4-2, EFDZ3-MW02, EFDZ3-MW03, and EFDZ8-MW01.
11 12	OU10:	OU10-MW10I (Replacement for well 20-566-M), 25-582-M, 25-583-M, 25-584-M, OU10-MW03S, and OU10-MW-06S.
13		

## Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 1 of 22

			CHEMK	CAL COMPO	DUND.			
				Total		Vinyl		
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE	
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
	MCL	5	5	70	5	2	5	
08-020-M	Sep-90				0.3		0.1	
(MW20)	Nov-91							
	Mar-92						0.3	
	Jun-92				1		0.4	
	Sep-92	NA	NA	NA	NA	NA	NA	
	Nov-92			0.3	0.2		0.4	
	Jan-93				0.3		0.4	
	Mar-93							
	May-93				0.3		2	
	Jul-93						Q.2	
	Oct-93							
	Feb-94							
	Apr-94							
	Aug-94							
	Dec-94	2						
	Mar-95							
	Jun-95							
	Sep-95							
	Dec-95							
	Mar-96							
	Jun-96							
	Aug-96							
	Dec-96							
	Feb-97						0.3	
	Apr-97						0.4	
	Sep-97							
	Jan-98						0.38	
	Jul-98						0.36	
	Jul-96	<del></del>					0.30	
08-021-M	Sep-90			7	3.3	12	18	
(MW21)	Nov-91			15.5			80.3	
(1414421)	Mar-92	0.4		31	1	32	22	
	Jun-92	0.4		65	2	33	24	
	Sep-92	NA	NA	NA	NA	NA	NA	
			INA					
	Nov-92	2 2		60 39	2	48	7	
	Jan-93		••		1	19	4	
	Mar-93	•		12	2	٠-	6	
	May-93	0.5		14	2	3	6	
	Jul-93	0.3	••	25	1	11	6	
	Oct-93	1.3		51	2.1	31	3.5	
	Feb-94		0.7	33	1.1	10	2	
	Apr-94	0.5		47		10	1	
	Aug-94			94			2	
	Dec-94	4	1	16		2		

## Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 2 of 22

		CHEMICAL COMPOUND*					
		Total Vinyl					
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE
1	ļ	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
	MCL	5	5	70	5	2	5
08-021-M	Mar-95			109		36	2
(cont.)	Jun-95			28.2		6.43	1.8
`	Sep-95			24.2			1.51
1	Dec-95						
	Mar-96			21.9			
ŀ	Jun-96			4.01			12.1
	Aug-96			8.7		3.7	1.6
1	Dec-96			7.1	0.6		0.9
l	Feb-97			5.9	0.6		0.6
	Apr-97	0.3		15	0.6	8	0.8
	Sep-97			11.6		• •	
Į	Jan-98			10		2.6	0.56
	Jul-98	0.45		6.98	0.5	5.3	0.72
08-022-M	Sep-90			2.1			
	Nov-91	`					
	Mar-92						
i	Jun-92						
	Sep-92	NA	NA	NA	NA	NA	NA
;	Јап-93						
	Mar-93						
	May-93						
	Jul-93						
	Oct-93			1.9			
	Feb-94			3.6			
]	Apr-94						
ļ	Aug-94				<b>.</b> -		
1	Dec-94						
	Mar-95						
	Jun-95						
	Sep-95						
	Dec-95		• -				
	Mar-96						
	Jun-96				••		
i							
i	Aug-96 Dec-96						
1	Feb-97					-	
ļ	ופישו						
08-023-M	Sep-90	_				_	
00-023-M	Nov-91	• •	• •				• -
	Mar-92			• •			
<b>\</b>	1						
	Jun-92 Sep-92	 NI 4	N 4		A1A		
	>en-42	NA	NA	NA	NA	NA	NA

## Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 3 of 22

			CHEMI	CAL COMPO	DUND*				
-		Total Vinyl							
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE		
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)		
	MCL	5	5	70	5	2	5		
08-023-M	Mar-93					••			
(cont.)	May-93								
	Jul-93								
	Oct-93								
	Feb-94								
08-522-M	Oct-93								
	Feb-94					• •			
08-523-M	Sep-90				٠.				
	Nov-91								
	Mar-92								
	Jun-92			- •					
	Sep-92	NA	NA	NA	NA	NA	NA		
	Jan-93								
	Mar-93				~ -				
	May-93								
	Jul-93								
	Oct-93								
	Feb-94	0.7					••		
08-524-M	Sep-90								
	Nov-91								
	Mar-92								
	Jun-92								
	Sep-92	NA	NA	NA	NA	NA	NA		
	Jan-93	<del>-</del> -							
	Mar-93								
	May-93								
	Jul-93								
	Oct-93								
	Feb-94								
08-525-M	Sep-90			• •					
	Nov-91			••					
	Mar-92								
	Jun-92			• •	- •				
	Sep-92	NA	NA	NA	NA	NA	NA		
	Jan-93								
	Mar-93	11							
	May-93	••							
	Jul-93	NA	NA	NA	NA	NA	NA		
	Oct-93					• •			
	Feb-94					<del>-</del> <del>-</del>			

## Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 4 of 22

$\overline{}$			CHEMI	CAL COMPO	OUND*			
		Total Vinyl						
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE	
i		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
	MCL	5	5	70	5	2	5	
08-525-M	Apr-94							
(cont.)	Aug-94							
(********	Dec-94							
i	Mar-95			••				
l	Jun-95							
j	Sep-95							
i	Dec-95							
	Mar-96							
ŀ	Jun-96							
	Aug-96							
	Dec-96							
	Feb-97	<b>.</b> -					- <b>-</b>	
J	, 55 0,							
08-526-M	Oct-93							
00 020 111	Feb-94							
	10034							
08-527-M	Oct-93	l						
00 327 111	Feb-94							
ł	100-04							
08-528-M	Sep-90				3.3		0.3	
00 020 111	Nov-91							
	Mar-92							
	Jun-92							
ł	Sep-92	NA NA	NA	NA	NA	NA	NA	
	Jan-93							
}	Mar-93							
į	May-93							
	Jul-93							
ŀ	Oct-93				13			
	Feb-94				7.6			
	F60-94				7.0		••	
014/04/04/0	0-4-00							
CW04-018	Oct-93							
	Feb-94							
i								
CW04-060	San 00			0.2				
CVV 04-060	Sep-90			0.3	••			
1	Nov-91		- •					
i	Mar-92			1				
l	Jun-92		0.6	2				
ļ	Sep-92	NA	NA	NA	NA	NA	NA	
	Nov-92		4	1	• •			
ł	Jan-93		0.5	0.9			0.3	
j	Mar-93			1		• -		
ì	May-93			2				

## Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 5 of 22

1		CHEMICAL COMPOUND*									
				Total		Vinyl					
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE				
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)				
	MCL	5	5	70	5	2	5				
CW04-060	Jul-93			0.9							
(cont.)	Oct-93			1.5							
`	Feb-94			0.9							
	Apr-94			8.0			0.3				
	Aug-94			2							
	Dec-94		2	2							
	Mar-95										
	Jun-95										
1	Sep-95			1							
i	Dec-95			1.39							
	Mar-96										
j	Jun-96										
	Aug-96			0.62							
1	Dec-96			1.6							
	Feb-97			1.1							
	Apr-97			0.9							
	Sep-97			1.3							
	Jan-98			0.82							
-	Jul-98			0.66			0.62				
1											
CW04-085	Sep-90			8.9							
	Nov-91			5.66							
	Mar-92			7							
	Jun-92		0.4	5							
-	Sep-92	NA	NA	NA	NA	NA	NA				
	Nov-92			2							
	Jan-93		0.4	4							
	Mar-93			5							
	May-93			5							
	Jul-93		0.3	5							
	Oct-93			3.3							
	Feb-94			2.9							
	Apr-94			2			0.8				
	Aug-94			2							
1	Dec-94			1							
	Mar-95										
	Jun-95										
	Sep-95			1							
	Dec-95			••							
ł	Mar-96			• •		••					
	Jun-96										
	Aug-96			0.6							
	Dec-96			1							
1	Feb-97	0.2		0.7							

## Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 6 of 22

	CHEMICAL COMPOUND*										
		Total Vinyl									
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE				
	_	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)				
	MCL	5	5	70	5	2	5				
CW04-085	Apr-97										
(cont.)	Sep-97			1							
	Jan-98	•-		0.99							
	Jul-98		<b>-</b> -	1.1							
CW05-055	Sep-90			41		1	550				
J	Nov-91			60			529				
	Mar-92	0.5		16		2	91				
	Jun-92			15		6	43				
	Sep-92	NA	NA	NA	NA	NA	NA				
1	Nov-92	0.7		15		3	19				
ĺ	Jan-93	0.2		5			16				
Į	Mar-93			4			26				
	May-93			2			23				
	Jul-93			5		0.6	11				
į	Oct-93			1.7			8.4				
	Feb-94			29.7		2	6.8				
	Apr-94	0.6		16		3	3				
ļ	Aug-94			33		14	2				
Į.	Dec-94		2	8		3	3				
İ	Mar-95			17		1	3				
	Jun-95			22.7		5.3	2.71				
]	Sep-95			19.4		10.6	1.81				
	Dec-95										
i	Mar-96			2.49			1.19				
	Jun-96			6.48		11.7	1.84				
	Aug-96			8.6		3.9	1.8				
	Dec-96			8.9		J. <del>J</del>	5				
	Feb-97						8				
Ì				14.3 9							
1	Apr-97					1.6	3.2				
ļ	Sep-97			7.4		0.04	2.1				
	Jan-98			2.2		0.84	2.4				
	Jul-98			12.24		3	1.4				
CW05-085	Sep-90			40		0.5	770				
	Nov-91			30.2			346				
	Mar-92			23			470				
	Jun-92			18			490				
	Sep-92	NA	NA	NA	NA	NA	NA				
]	Nov-92			25			380				
]	Jan-93			27			360				
Ì	Mar-93			25			310				
	May-93			18		• •	400				
1	Jul-93			23			300				
j	Oct-93			25.6			316				

# Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 7 of 22

· · · · ·			CHEM	CAL COMPO	OUND'		
				Total		Vinyl	
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
	MCL	5	5	70	5	2	5
CW05-085	Feb-94			12			360
(cont.)	Apr-94			22		0.3	200
	Aug-94			30			140
	Dec-94		2	20			250
	Mar-95			9			161
l	Jun-95			5.93			169
	Sep-95						132
	Dec-95	1.91		15.34			154
1	Маг-96			23.8			130
1	Jun-96			.39.26			162
	Aug-96			13			160
	Dec-96			27			150
	Feb-97			42.4			170
	Apr-97			24			180
	Sep-97			20			130
İ	Jan-98			12.7			140
	Jul-98			28.2			130
CW06-077	Sep-90			1.3			6.2
	Nov-91						1.79
	Mar-92						0.6
	Jun-92						0.7
į.	Sep-92	NA	NA	NA	NA	NA	NA
	Nov-92						0.6
	Jan-93						0.5
	Mar-93						
i	May-93						0.2
	Jul-93						
	Oct-93						
Ĭ	Mar-94						
	Apr-94						
	Aug-94						2
]	Dec-94		1				
1	Mar-95						
1	Jun-95						
	Sep-95	- <b>-</b>			• •		
1	Dec-95				••		
	Mar-96						
	Jun-96						
	Aug-96	••	• •				
j	Dec-96						
	Feb-97		• •				0.3
İ	Apr-97			••	• •		
ł	Sep-97		- ~				

# Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 8 of 22

			CHEMI	CAL COMPO	DUND.	<del></del>		
		Total Vinyl						
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE	
1		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
	MCL	5	5	70	5	2	5	
CW06-077	Jan-98							
(cont.)	Jul-98		- <b>-</b>					
CW07-055	Sep-90							
	Nov-91							
1	Mar-92						1	
Ì	Jun-92							
	Sep-92	NA	NA	NA	NA	NA	NA	
	Jan-93		••					
	Mar-93		· -					
	May-93					• -		
}	Jul-93							
i	Oct-93							
	Mar-94							
I	Apr-94							
	Aug-94							
	Dec-94		1					
	Mar-95				• •			
Ī	Jun-95							
1	Sep-95							
	Dec-95							
i	Mar-96							
	Jun-96							
	Aug-96							
1	Dec-96							
	Feb-97							
	Apr-98		- <del>-</del>					
	Sep-98							
İ	Jan-98							
- 1	Jul-98	• •						
CW07-100	Sep-90							
CW07-100	Nov-91							
	Mar-92							
	Jun-92				-			
1		NA NA	NA	NA	NA.	NA	NA	
	Sep-92 Jan-93		11/4	IVA		INA		
	Mar-93							
1								
1	May-93							
	Jul-93	· -						
J	Oct-93					• •		
	Mar-94			• -				
ł	Apr-94			• -				
	Aug-94				• •			

# Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 9 of 22

		CHEMICAL COMPOUND*									
ì		Total Vinyl									
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE				
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)				
	MCL	5	5	70	5	2	5				
CW07-100	Dec-94		1								
(cont.)	Mar-95										
` ′	Jun-95										
1	Sep-95										
	Dec-95										
	Mar-96										
}	Jun-96										
ŀ	Aug-96										
	Dec-96										
1	Feb-97	~ -									
ł	Apr-97										
	Sep-97										
	Jan-98										
[	Jul-98										
	1										
CW07-148	Sep-90										
l l	Nov-91										
į	Mar-92										
	Jun-92										
ľ	Sep-92	NA	NA	NA	NA	NA	NA				
	Jan-93	• •									
1	Mar-93										
i	May-93										
	Jul-93										
	Oct-93	~ -									
i	Mar-94										
i											
CW07-183	Oct-93										
	Feb-94										
	. 00 0 .										
CW08-017	Sep-90										
	Nov-91										
	Mar-92										
1	Jun-92										
	Sep-92	NΑ	NA	NA	NA	NA	NA				
i	Nov-92			0.4							
l l	Jan-93										
1	Mar-93										
İ	May-93										
l	Jul-93	<u>.</u> -									
l	Oct-93	••		••							
I	Mar-94										
Ì	Apr-94			-							
ļ	Apr-94 Aug-94	- <del>-</del>		- <b>-</b>	- <b>-</b>	- <del>-</del>					

# Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 10 of 22

			CHEMI	CAL_COMPO	DUND*				
			Total Vinyl						
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE		
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)		
	MCL	5	5	70	5	2	5		
CW08-017	Dec-94								
(cont.)	Mar-95								
` ′	Jun-95								
	Sep-95								
	Dec-95								
	Mar-96								
•	Jun-96								
	Aug-96								
	Dec-96								
	Feb-97								
	. 02 0.								
CW08-055	Sep-90								
	Nov-91								
1	Mar-92								
	Jun-92								
	Sep-92	NA	NA	NA	NA	NA	NA		
	Nov-92								
	Jan-93								
	Mar-93								
1	May-93								
	Jul-93								
	Oct-93								
	Feb-94								
	Apr-94								
	Aug-94								
	Dec-94		2						
	Mar-95								
	Jun-95								
}	Sep-95								
	Dec-95								
	Mar-96					••			
	Jun-96								
i	Aug-96						• •		
	Dec-96								
	Feb-97								
	Apr-97								
	Sep-97								
ļ	Jan-98				••				
i	Jul-98	••	• •						
CW08-110	Sep-90			÷ =					
ĺ	Nov-91								
	Mar-92								
	Jun-92								

## Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 11 of 22

			CHEM	CAL COMPO	DUND*		
		Total Vinyl					
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE
	1	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
	MCL	5	5	70	5	2	5
CW08-110	Sep-92	NA	NA	NA	NA	NA	NA
(cont.)	Jan-93						
` ′	Mar-93						
	May-93						
	Jul-93						
i	Oct-93						
	Feb-94					<del>-</del> -	
	Apr-94					• •	
	Aug-94						
j	Dec-94						
	Mar-95						
	Jun-95						
•	Sep-95						
1	Dec-95						
	Mar-96						
	Jun-96						
	Aug-96						
	Dec-96						
	Feb-97						
1	1.60-91						
CW08-150	Oct-93						
CW08-150	Feb-94						
1	F 60-34						• •
CW09-073	Oct-93						
CW09-0/3	Feb-94	••					
1	F6D-94						
CW09-100	0 - 4 0 0 0						
C4409-100	Oct-93	••			••		
	Feb-94						
CW10-055	Oct-93						4.7
ì	Feb-94			0.9			6.5
CW12-085	Nov-93						
	Mar-94						
CW13-085	Oct-93						
	Mar-94	••				••	
<b> </b>	_						
CW14-016	Oct-93	••		0.5			
	Mar-94					••	
	i						
CW15-055	Oct-93						
1	Feb-94						

## Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 12 of 22

			CHEMI	CAL COMPO	OUND.		
				Total		Vinyl	· · ·
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
	MCL	5	5	70	5	2	5
CW19-017	Oct-93						
j	Feb-94						
CW20-019	Oct-93						
	Mar-94	1.8					
CW21-018	Oct-93	3.8					
ì	Feb-94	2					
CW21-040	Oct-93	••					
	Mar-94				• -		
CW22-018	Oct-93			• •			
	Mar-94						
		•					
CW23-024	Oct-93			2.4			
	Mar-94			2.1			
Í							
CW24-009	Oct-93			• •			
	Feb-94						
GR-050	Sep-90			1.9			1.4
	Nov-91						
	Mar-92						
	Jun-92			20			0.8
	Sep-92	NA	NA	NA	NA	NA	NA
	Nov-92			2.5			1
	Jan-93			2.5			8
	Mar-93		• •	17			11
ļ	May-93			12			8
	Jul-93			1.77			11
	Oct-93			1.4			0.97
	Feb-94		• •	0.9			1
	Apr-94			1.1	0.4	0.6	1
	Aug-94			2	• •		2
	Dec-94						
1	Mar-95						
	Jun-95						
Į.	Sep-95						
	Dec-95						
	Mar-96						

## Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 13 of 22

	CHEMICAL COMPOUND*										
		Total Vinyl									
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE				
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)				
	MCL	5	5	70	5	2	5				
GR-050	Jun-96										
(cont.)	Aug-96										
, ,	Dec-96										
	Feb-97					• -	• •				
HD-09S	Sep-90										
	Nov-91		0.9		0.9		4.2				
	Mar-92		1		1		3.9				
	Jun-92		0.9		0.9		3.7				
	Sep-92	NA	NA	NA	0.8	NA	NA				
	Nov-92		0.5	8	0.9		6				
	Jan-93			13	1		7				
	Mar-93			14	2		8				
i	May-93			11	2		8				
	Jul-93			7	1		7				
	Nov-93			6.2	1.6	••	6				
	Feb-94			6.8	1.1		4.8				
	Apr-94			2	0.6		2				
	Aug-94			9	1		6				
	Dec-94		2	6			5				
	Mar-95			5			•				
	Jun-95			3.56			3.39				
	Sep-95			1.85			2.81				
	Dec-95			2.38			3.36				
	Mar-96			1.68			1.99				
	Jun-96						1.35				
	Aug-96	0.85		1.1	• •		0.87				
	Dec-96			1.3			0.87				
	Feb-97			1.3			0.9				
	Apr-97			1.2	0.4		1.1				
	Sep-97			1.2	0.4		1.1				
	Jan-98			0.76	0.41		1.1				
	Jan-98 Jul-98			0.76 0.52	0.41		0.7				
	Jul-98			0.32	0.25		0.7				
HD-10D	Sep-90										
	Nov-91										
	Mar-92			• •							
	Jun-92										
	Sep-92	NA	NA	NA	NA	NA	NA				
	Nov-92						0.4				
	Jan-93										
	Mar-93										
	May-93			0.4							
	Jul-93		_		_	-					

### Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 14 of 22

			CHEMI	CAL COMPO	OUND*			
		Total Vinyl						
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE	
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
	MCL	5	5	70	5	2	5	
HD-10D	Oct-93							
(cont.)	Feb-94							
()	Apr-94			0.4				
	Aug-94			2				
	Dec-94							
	Mar-95				÷ -			
	Jun-95				- <b>-</b>			
	Sep-95							
	Dec-95							
	Mar-96							
	Jun-96							
	Aug-96			• •				
	Dec-96							
	Feb-97							
	Apr-97			0.6				
	Sep-97			0.0				
	Jan-98							
	Jul-98							
	00,00							
HD-11	Sep-90		21	21			600	
	Nov-91			35.3			394	
	Mar-92			33		15	410	
	Jun-92			26		41	420	
	Sep-92	NA	NA	NA	NA	NA.	NA	
	Nov-92			24			310	
	Jan-93	0.3		21			460	
	Mar-93	0.5		14			350	
	May-93			11			420	
	мау-93 Jul-93			11		-	390	
	Oct-93			7			390 370	
	Feb-94	0.3	0.2	7 46		0.6		
	Apr-94	0.3	0.2	46 44		0.6 0.5	200	
					••	0.5	160	
	Aug-94	2		44 25			160	
	Dec-94			35			280	
	Mar-95			31			173	
	Jun-95			28.4	• •		106	
	Sep-95			23			108	
	Dec-95			25.9			183	
	Mar-96			17.9			119	
	Jun-96		- +	15.1			66.5	
	Aug-96			22			51	
	Dec-96			26.3			39	
	Feb-97			21.9			27	
	Apr-97			29			35	

### Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 15 of 22

			CHEMI	CAL COMPO	DUND*	-	<del></del>	
		Total Vinyl						
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE	
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
	MCL	5	5	70	5	2	5	
HD-11	Sep-97			22.6			49	
(cont.)	Jan-98	~ -		15.9			37	
	Jul-98	~ -		14.9			32	
HD-12M	Sep-90						9.1	
	Nov-91						4.82	
	Mar-92				+ -		6	
	Jun-92						7	
	Sep-92	NA	NA	NA	NA	NA	NA	
	' Nov-92						7	
	Jan-93						6	
	Mar-93						4	
	May-93	0.2					4	
	Jul-93						4	
	Oct-93						4	
	Feb-94						4	
	Apr-94			0.3			5	
	Aug-94						3	
	Dec-94						3	
	Mar-95						2	
	Jun-95							
	Sep-95						2.07	
	Dec-95						1.63	
	Mar-96	••						
	Jun-96						2.56	
	Aug-96						2	
	Dec-96						1.5	
	Feb-97						1.8	
	Apr-97	••					2.1	
-	Sep-97						1.5	
	Jan-98						1.3	
	Jul-98						1.5	
HD-12S	Sep-90		<b></b>		62		1	
	Nov-91				• •			
	Mar-92							
	Jun-92							
	Sep-92	NA	NA	NA	NA	NA	NA	
	Jan-93	••	••				NA	
	Mar-93						NA	
	May-93				90		2	
	Jul-93				79		0.8	
	Oct-93				71		1	
	Feb-94				140		1	

# Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 16 of 22

			CHEMI	CAL COMPO	OUND*		
				Total		Vinyl	
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TÇE
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
	MCL	5	5	70	5	2	5
HD-12S	Apr-94				73		1
(cont.)	Aug-94				55		3
	Dec-94						
	Mar-95						
	Jun-95				49		
	Sep-95				69.5		1.16
	Dec-95		~ -		44		
	Mar-96				60.4		
	Jun-96				52		1.42
	Aug-96				48		0.9
	Dec-96				44		1.1
	Feb-97				58		1.5
	Apr-97			1.8	69		
	Sep-97				34		1.1
	Jan-98				46		1
	Jul-98						
HD-13S	Sep-90	0.3		63			35
	Nov-91			105			32.9
	Mar-92			20		0.5	24
	Jun-92	0.3		11			18
	Sep-92	NA	NA	NA	NA	NA	NA
	Nov-92			4			9
	Jan-93			9		1	8
	Mar-93	0.3		50		5	6
	May-93	0.4		61		12	9
	Jul-93			33		3	8
	Oct-93			12		2	6
i	Feb-94	0.2		2			2
	Apr-94			1			2
	Aug-94			1			2
	Dec-94			1			2
	Mar-95			1			
j	Jun-95			3.55			
	Sep-95			5.94			4.66
	Dec-95			1.12	••		9.46
	Mar-96		• -				
	Jun-96						
	Aug-96			1			1
	Dec-96			1			1.1
	Feb-97			1.1			0.9
	Apr-97			1.1			0.4

## Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 17 of 22

		CHEMICAL COMPOUND*								
				Total		Vinyl				
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE			
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)			
	MCL	5	5	70	5	2	5			
HD-13S	Sep-97			1.1						
(cont.)	Jan-98			0.8			0.39			
(20)	Jul-98	0.27	• •	0.53			••			
HD-14S	Sep-90	<u></u>		73		13.8				
	Nov-91									
	Mar-92	0.3	2	61		3				
	Jun-92	0.2	2	50		2				
	Sep-92	NA	NA	NA	NA	NA	NA			
	Nov-92		13	280		11/4	INA			
	Jan-93	0.2	3	64		0.6				
	Mar-93	0.2	3	78 50			0.6			
	May-93		4	59		1	0.2			
	Jul-93		4	74		0.9	1			
	Oct-93		4.1	69						
	Feb-94			100		1.6	8.0			
	Apr-94		2	100		2	0.5			
	Aug-94		2	82		2				
	Dec-94		6	68						
	Mar-95		5	50						
	Jun-95		3	39.9			(			
	Sep-95		2.24	28.6						
	Dec-95			22.9						
	Mar-96		2.44							
	Jun-96			16.5						
	Aug-96		1.2	21						
	Dec-96		1.2	15						
	Feb-97			11.4						
				11.4						
	Apr-97									
	Sep-97		4.7	16						
	Jan-98		1.7	11.46						
	Jul-98		1	10.36						
EW-1	Sep-90	NA	NA	NA	NA	NA	NA			
j	Nov-91	NA	NA	NA	NA	NA	NA			
1	Mar-92	NA	NA	NA	NA	NA	NA			
	Jun-92			47		3	247			
	Sep-92	NA	NA	NA	NA	NA	NA			
İ	Jan-93			40		1	230			
	Mar-93			28			130			
	May-93			37		0.9	160			
	Jul-93			26		0.5	110			

## Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 18 of 22

			CHEMI	CAL COMPO	DUND*			
		Total Vinyl						
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE	
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
	MCL	5	5	70	5	2	5	
MW-131-D	Sep-90	NA	NA	NA	NA	NA	NA	
(CT-4)	Nov-91	NA	NA	NA	NA	NA	NA	
	Mar-92	NA	NA	NA	NA	NA	NA	
1	Jun-92	NA	NA	NA	NA	NA	NA	
	Sep-92	NA	NA	NA	NA	NA	NA	
1	Nov-92		·	3				
İ	Jan-93		0.4	3				
	Mar-93			3			1	
i	May-93			3		0.6		
1	Jul-93			2				
l	Oct-93			2.3		• -		
	Feb-94			2.9				
	Apr-94			2		0.3		
	Aug-94			3		• •		
	Dec-94		2	3				
	Mar-95		•-	2				
j	Jun-95							
	Sep-95			1.51				
1	Dec-95			1.83				
1	Mar-96			1.68			1.22	
	Jun-96	•••		1.00			1.22	
	Aug-96			1.3				
	Dec-96			1.3 1.3				
1								
	Feb-97			1.4				
	Apr-97			2.2				
	Sep-97			1.5				
ì	Jan-98	••	• •	0.97				
	Jul-98	0.21		0.94				
MW-131-M	Sep-90	NA	NA	NA	NA	NA	NA	
(HSA-4A)	Nov-91	NA	NA	NA	NA	NA	NA	
` <b>' </b>	Mar-92	NA	NA	NA	NA	NA	NA	
j	Jun-92	NA	NA	NA	NA	NA	NA	
Į	Sep-92	NA	NA	NA	NA	NA	NA	
l	Nov-92			3			260	
	Jan-93			3			300	
	Mar-93			3			260	
}	May-93	0.3		5			260	
i	Jul-93		- -	5	- <del>-</del>		230	
1	Oct-93	- <b>-</b>	- •	23		- <del>-</del>	190	
Į.	Feb-94		0.7					
1				50			66	
1	Apr-94	•-		97	• •	1	58	
į	Aug-94			90			53	
l	Dec-94		2	74		1	35	

# Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 19 of 22

			CHEMI	CAL COMPO	DUND*		
1				Total		Vinyl	·
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE
		(ug/L)	(ug/L)	(u <b>g/L</b> )	(ug/L)	(ug/L)	(ug/L)
	MCL	5	5	70	5	2	5
MW-131-M	Mar-95			64			40
(HSA-4A)	Jun-95			67.5			34.9
(cont.)	Sep-95			49.2			39.1
I	Dec-95			48.9			44.4
1	Mar-96			24.8			43.8
Ĭ	Jun-96			9.27			36.8
ľ	Aug-96			25.9			33
i	Dec-96			36			27
į	Feb-97			33.6		4.3	25
	Apr-97			51		8.1	36
	Sep-97			19		3.7	41
i	Jan-98			12.3		1.3	33
	Jul-98			8.09			30
MW-131-S	Sep-90	NA	NA	NA	NA	NA	NA
(HSA-4B)	Nov-91	NA	NA	NA	NA	NA	NA
`	Mar-92	NA	NA	NA	NA	NA	NA
ì	Jun-92	NA	NA	NA	NA	NA	NA
	Sep-92	NA	NA	NA	NA	NA	NA
ţ	Nov-92				10		26
1	Jan-93				10		23
į	Mar-93				9		19
ĺ	May-93				7		19
	Jul-93				9		14
	Nov-93				6.7		14.5
	Feb-94				6.3		9.8
	Apr-94			0.6	8		8
į	Aug-94			1	5		7
	Dec-94		2		4		8
	Mar-95				4		10
1	Jun-95				2.95		5.56
İ	Sep-95				4.71		4.16
1	Dec-95				3.29		4.22
1	Mar-96				3.52		2.88
	Jun-96				4.4		
	Aug-96				2.8	<u></u>	2.5
	Dec-96			1.2	1.8		1.8
	Feb-97	0.2		0.9	2.3		1.7
	Apr-97	U.Z		1.3	3.4		1.7
	Sep-97			0.8	1.5		31
	Jan-98			0.75	1.4		2.6
1	Jul-98	I		0.73	3.5		1.4

## Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 20 of 22

			CHEMI	CAL COMPO	DUND*		
				Total		Vinyl	
WELL ID	DATE	Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
	MCL	5	5	70	5	2	5
MW-132-15	Sep-90	NA	NA	NA	NA	NA	NA
i	Nov-91	NA	NA	NA	NA	NA	NA
	Mar-92	NA	NA	NA	NA	NA	NA
	Jun-92	NA	NA	NA	NA	NA	NA
	Sep-92	NA	NA	NA	NA	NA	NA
	Jan-93						
	Mar-93						
ì	May-93						
	Jul-93						
i	Oct-93				3		
ŀ	Feb-94				3.2	• •	
			A.A.=		A. r		
MW-132-D	Sep-90	NA	NA	NA	NA	NA	NA
(CT-5)	Nov-91	NA	NA	NA	NA	NA	NA
1	Mar-92	NA	NA	NA	NA	NA	NA
	Jun-92	NA	NA	NA	NA	NA	NA
i	Sep-92	NA	NA	NA	NA	NA	NA
- 1	Jan-93						
1	Mar-93						
	May-93						
	Jul-93						
	Nov-93						
	Feb-94						
	Mar-95						
•	Jan-95						
ļ	Sep-95				• •		
	Dec-95						
Į	Mar-96						
1	Jun-96				••		
i	Aug-96						
j	Dec-96						
}	Feb-97						
į	Apr-97						
1	Sep-97				• -		
ľ	Jan-98						
Ì	Jul-98						
				•			
MW-132-S	Sep-90	NA	NA	NA	NA	NA	NA
(HSA-5)	Nov-91	NA	NA	NA	NA	NA	NA
	Mar-92	NA	NA	NA	NA	NA	NA
J	Jun-92	NA	NA	NA	NA	NA	NA
ł	Sep-92	NA NA	NA	NA	NA	NA	NA
ł	Nov-92			0.7	14		31
	Jan-93		••	0.7	13	-	29

## Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 21 of 22

<u></u>		CHEMICAL COMPOUND*						
	DATE	Total Vinyl						
WELL ID		Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE	
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
	MCL	5	5	70	5	2	5	
MW-132-S	Mar-93			0.6	15		32	
(HSA-5)	May-93			0.4	16		33	
(cont.)	Jul-93				13		28	
	Nov-93				12.1		20.6	
	Feb-94		<i>-</i> -	1.2	10.5		25	
	Apr-94			4	11		25	
	Aug-94			3	9		27	
	Dec-94			2	9		35	
	Mar-95			2	9			
1	Jun-95				5.08		28.4	
	Sep-95			1.06	8.68		34.5	
	Dec-95				6.2		31.3	
	Mar-96			2.55			30.6	
	Jun-96			3.51	5.49		31.9	
	Aug-96			1.9	6		30	
	Dec-96			2.7	5.7		28	
	Feb-97	0.2		2.1	6.8		31	
	Apr-97			2.4	8		40	
	Sep-97			1.5	6.5		33	
	Jan-98			1.1	6.5		31	
	Jul-98	• •		0.64	6.3		32	
MW-133-D	Sep-90	NA	NA	NA	NA	NA	NA	
(CT-6)	Nov-91	NA	NA	NA	NA	NA	NA	
, ,	Mar-92	NA	NA	NA	NA	NA	NA	
	Jun-92	NA	NA	NA	NA	NA	NA	
	Sep-92	NA	NA	NA	NA	NA	NA	
	Jan-93					• •		
	Mar-93							
	May-93							
	Jul-93							
	Nov-93							
	Feb-94	0.7						
	Apr-94							
	Aug-94							
	Dec-94		3					
l	Mar-95		••	••				
	Jun-95							
-	Sep-95							
	Dec-95							
	Mar-96							
	Jun-96							
	Aug-96							
	Dec-96							

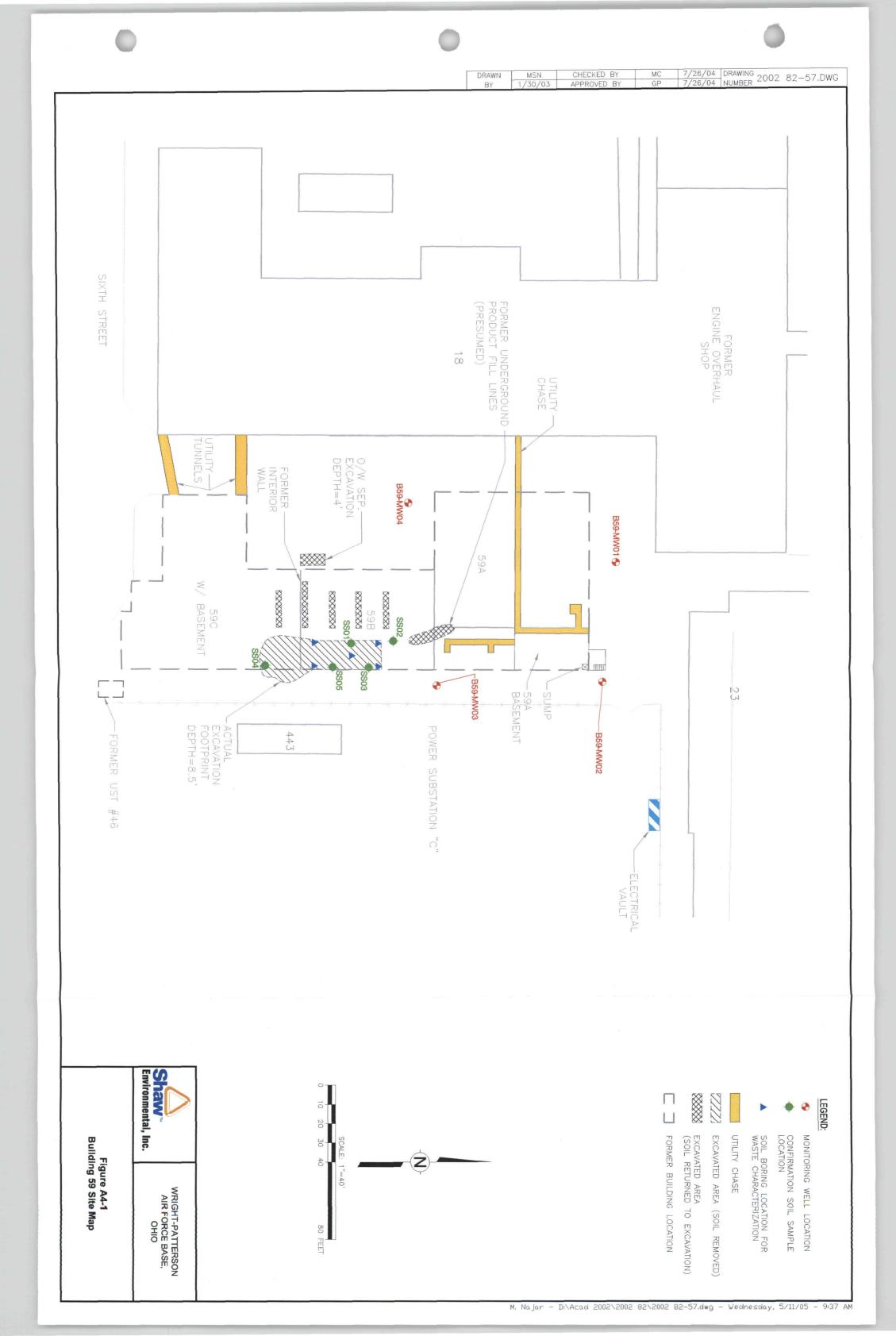
### Table A4-1 OU5 Historic Groundwater Sampling Results: VOCs Wright-Patterson AFB, Ohio Page 22 of 22

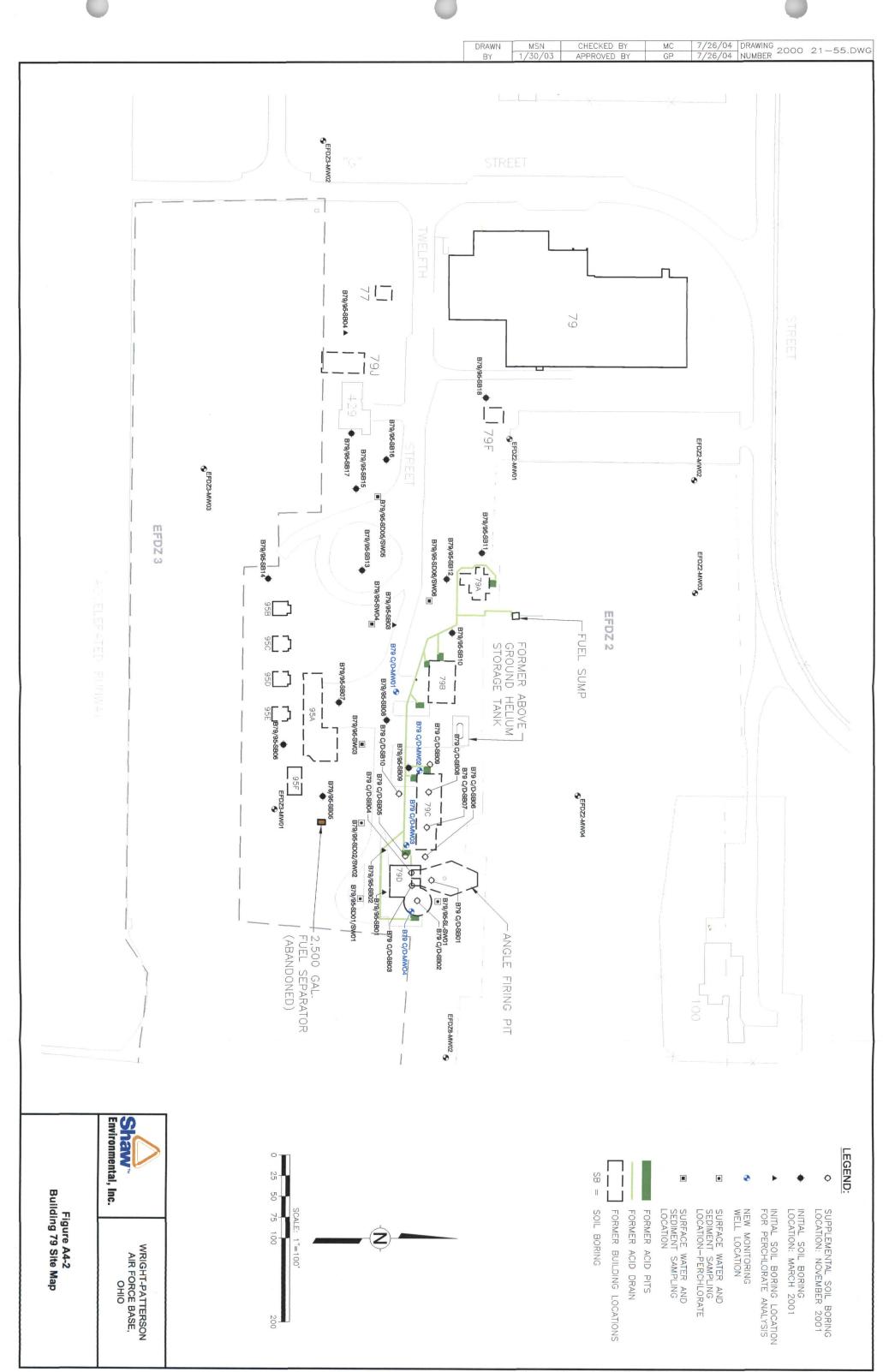
		CHEMICAL COMPOUND*						
	DATE	Total Vinyl						
WELL ID		Benzene	1,2-DCA	1,2-DCE	PCE	Chloride	TCE	
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
	MCL	5	5	70	5	2	5	
MW-133-D	Feb-97							
(CT-6)	Apr-97							
(cont.)	Sep-97							
	Jan-98							
	Jul-98		•-					
MW-133-S	Sep-90	NA	NA	NA	NA	NA	NA	
(HSA-6)	Nov-91	NA	NA	NA	NA	NA	NA	
	Mar-92	NA	NA	NA	NA	NA	NA	
	Jun-92	NA	NA	NA	NA	NA	NA	
	Sep-92	NA	NA	NA	NA	NA	NA	
	Jan-93							
	Mar-93							
	May-93							
	Jul-93		• -					
	Nov-93							
J	Feb-94							
1	Apr-94				0.6		1	
	Aug-94				0.6		1	
	Dec-94							
	Mar-95							
	Jun-95							
	Sep-95			3				
	Dec-95	1.02				3.18		
	Mar-96							
	Jun-96							
	Aug-96		• •					
1	Dec-96					• -		
	Feb-97							
į	Apr-97						0.3	
÷	Sep-97	••						
	Jan-98		• -					
	Jul-98							

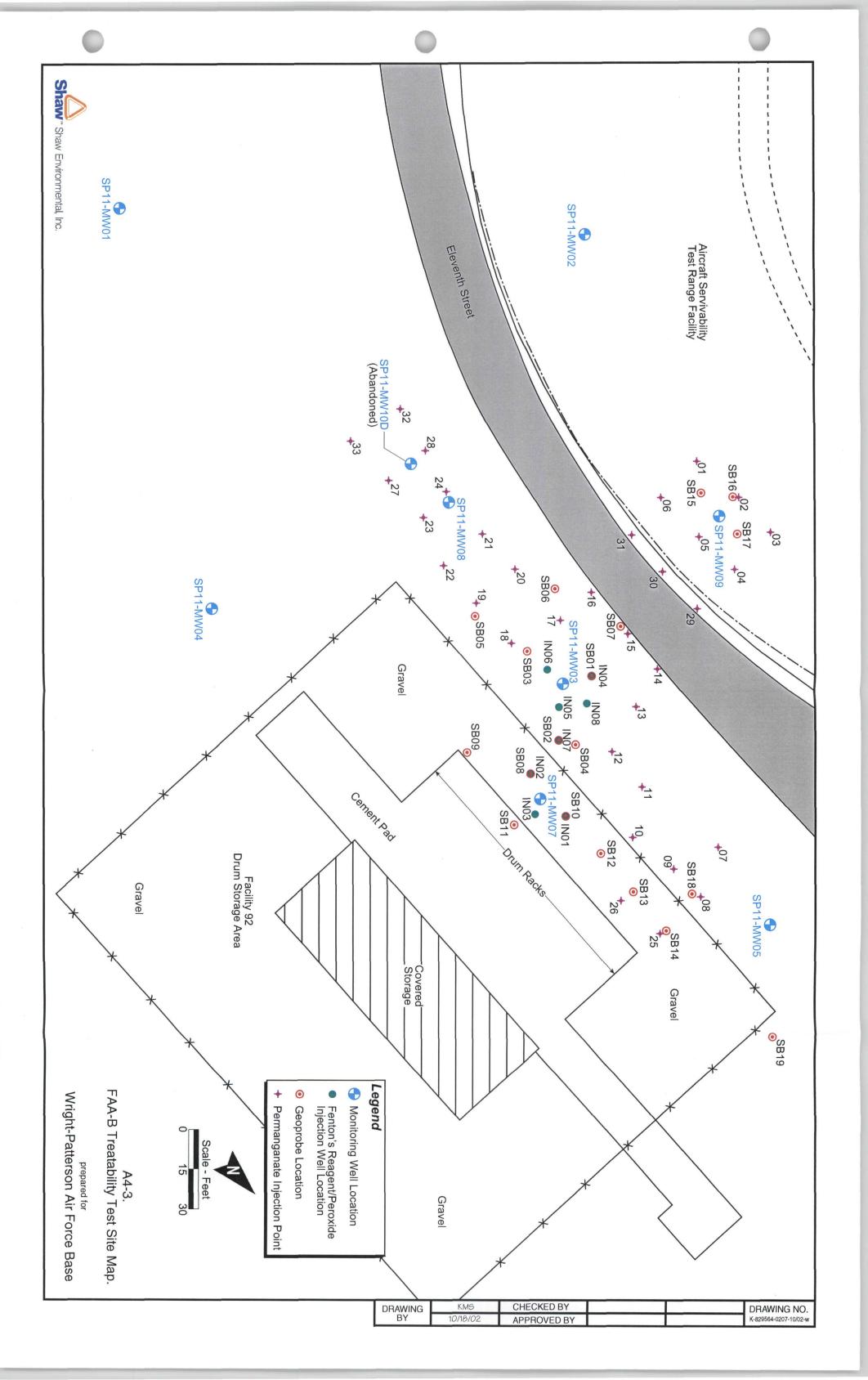
-- = Non Detect NA = Not Available

**Bold** = Concentration exceeds MCL.

<sup>\* =</sup> Data Sources: 1995 Remedial Investigation (RI) Report 1998 Removal Action System Performance Report (RASPR) #27







### Appendix B

#### **OU1 Field Data Forms**

**B1** OU1 Groundwater Purge Logs – October and Sample Collection Forms – July and October

**B2** OU1 Landfill Gas Monitoring Field Logs – July and September

B3 OU1 Water Level Field Forms - July and September

Please Refer to the Enclosed CD LTM Report: October 2004 Field Forms

#### Appendix B

#### **OU1 Field Data Forms**

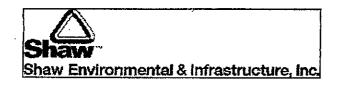
**B1** OU1 Groundwater Purge Logs – October and Sample Collection Forms – July and October

**B2** OU1 Landfill Gas Monitoring Field Logs – July and September

B3 OU1 Water Level Field Forms - July and September

Please Refer to the Enclosed CD LTM Report: October 2004 Field Forms

**OU1 Groundwater Purge Logs and Sample Collection Forms** 

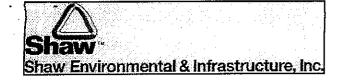


### Groundwater Purge Log WPAFB/ Fairborn, OH PROJECT 829564

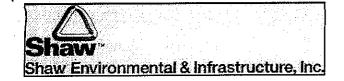
SIT	E ID:	<u>0 u</u>	11 LF	08	WELL ID:	レ	F08-M	1W 02A	SAMPLE NUI	MBER:	KH 3,	0146
San	nplers:	ΚH,	BE		Well Secur	e (Y/N)	<u>Y</u>	\	Well Casing D	iameter :	2_	in.
Pur	ging Method	d / Equipme	ent: <u>Micropur</u>	ge/ BLADDA	ERPUNY	>	Targe	t Purge Volum	e: <u>2</u>	gal.		
Sou	nding (Dep	th to Well B	ottom):	56,0		_ft.	Static	Water Level	(Depth to Wa	ter):	2,55	ft.
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рH	Cond. LAN MSICW	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
	10/5/04	1308	INT.	6.70	INT	13.53	7,46		0	-194	L35	
		1313	0.04	7,52	0.2	13,73	7.13	3.46	2215	-1560	0,19	
		१५७१	0.03			13.63	7.08	4,12	21,6	- 1 <b>너</b> >	0.10	INCREASED PUMP PATE
L		1323	0.10	11,41	0.82	12,67	7,31	2.11	7,0	-175	٥	
		1328	0,,0	15.19	1,35	13.00	7.34	1,84	22.7	-180	ð	
<u> </u>		1333	0.08		1,75	13.19	7.37	1,60		-183	٥	SLAMED PUMP RATE
L		1338	0.02	15.31	1,85	13.54	7.37	1.54	635	-174	. 0	
		1343	CVE	ANED	Fran	THRU	COL		_			
		1348	FLE	w TH/	2V c	eu N	UT YE	FUN	سب			
		1350	0.01	15,60	1,90	14,22	7,36	1.35·	أراه	-160	1,23	
L		1355	50.0	15.70	2.00	14,28	7.37	1.42	٥	-166	0,56	
		1400	0.01	15.82	2.05	14.35	7,38	1.42	0	- SO	0,41	
		1405	10,0	15,98	2,10	14,40	7,39	1,42	٥	-160	0.27	
L		أميان	- 5a	MOIE	i	生 といなみま	46					
Test	Parameter	1645	PINYYU	21.15	PANA U	14.37	7.43	ィンフ <del>イHNOs) - M</del>	I. } ethane/Ethane	ー (つ3 e/Ethene (出の	O、プレ CD Sulfate	- Nitrate(H2SO4)
	<i></i> .			CBs Cyan			_		_	•	tra Extracta	·
QA/C				( _		\ .		_	-		Split:_	
Sam	ple Collect	ion Date:	le	0/5/04	_ Sample C	Collection Time	e:	410	Prepare	d by:	KYVE	MANENS

#### Groundwater Purge Log WPAFB, OH PROJECT 829564

SITE ID:	001	ILF	80	WELL ID:	LFO	8-MW	102 C 8	SAMPLE NUM	MBER:	KH301	147
1		4.					•				<u>Z</u> in.
Purging Meth	nod / Equipme	ent: <u>Micropur</u>	ge/ BLADDE	2 pump		Target	: Purge Volum	e: <u> </u>	gal.		
•			24				Water Level (	Depth to Wat	er):	13.40	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO / (mg/L)	Water Description
٥ماهد	1 0833	INT	13.70	آكرا	11.19	6.45	0.897	2o.S	-48	3.38	
- Infalo	0838	0.02					0.799		-104	0.58	
	0843	0.62		0.20		. 7.21	8.764	6.7	-128	0	
	0848	0.03	14.20	0.35		7.26	0.750	0.1	-133	0	
-	0853			0.50	l .	7.28		. 0	-134	0	
	0358	1		0.70	16.65	7.29	0.736	0	-135	0	
	0903	0.04	14,20	0.40	12.58	7.30	0.725	۵	-135	٥	
	0908	0.04	14,20	1.10	12.62	7.31	0.739	0	-134	0	
	0913	0.04	14,20	1.30	12,91	7.31	0.760	1,2	-131	0.60	
	0918	0,04	14.20	1.50	12.89	7.30	0.767		-132	0.25	NCREASED DUMP RA
	0927	0.10	14.20	2.00	12.93	7,28	885,0	0	-131	0.31	
	0428		14,20	2.25	12,96	7.26	0.786	٥	-124	0.31	
	09 33	0.05	14,20	2.50	13.02	7.25	0.793	0	-118	0	
	0938	SAZ	nfle		# 14	1 30147					
Test Parame	はいて eters (Circle A	F• <i>MAL</i> App <del>licable</del> ):	(VOC (H)CI)	Fotal Meta	12.45 18 (HNO <sub>3</sub> ) Fi	1.34 Hered Metals	0.821 (HNO3) M4	othane/Ethan	e/Ethene (†	(CI) - Sulfat	e Nitrate(H₂SO₄) →
SVO	ÖÖ PE	esticides / Po	CBs (var	ide (NaQH)	Ammo	nia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin /	Furans		xtra Extracta	able
QA/QC Sam	ples Taken (0	Circle Applic	cable): None	Duplica	ate:		MS/MSD:_			Split:_	
Sample Coll	ection Date:		16/04	_ Sample (	Collection Tim	e:	0938	Prepare	ed by:	KYVE	: HAVENS

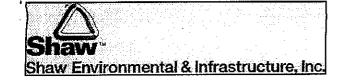


SITE ID:	001	LF08		WELL ID:	LF08 -	MWOJ	<u>5</u> ß s	SAMPLE NUN	/IBER:	KH30	149
Samplers	: Mchille	J BUNL		Well Secur	e (Y/N)		v	Vell Casing Di	ameter :	<u> </u>	in.
		•	ge/Bladdes	Purup		Target	: Purge Volume	e: <u>2</u>	gal.		
Sounding	(Depth to We	ell Bottom):	<i>5</i> 3.8		ft.		Water Level (		er): _21	.20	ft.
Dat	e Time (24hr		Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pН	Cond. (mV) MS/LM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/05/	of 10855	5	22.58	Initial	12.63	6.35	0.98	.37.1	79	4.76	
	0900		24,29	0.3	12.69	7.05	1.01	20.5	-148	0.60	
	0905		24.86	0.6	12.68	7.25	0.98	21.9	-166	0.61	
ļ	7910	)	2476	0.7	12.04	7.37	0.97	19.6	-171	0.63	
	0915	<u> </u>	24.61	0.9	12.83	7.42	0.95	8.7	-1724	0.60	
	0920		24.60		12.71	2.45	095	0.9	-17(p	0.58	
	1092	5	24.30	1.3	12.73	2,47	0.96	0. <i>0</i>	-176	0.58	
	0936	Ď l	24,30	1.5	12.82	7.46	0.97	0.3	-177	0.60	
	093	51	24.30	1.8	12.91	7.47	0.97	0,8	-177	0,59	
	094	0	24.30	2.1	12.85	7.47	0.98	0.0	-176	0.58	
	0944	5	2430	2.3	12.81	7.47	0.99	0.0	-175	0.58	
	0959		24.30	2.5	12.95	7.48	0.99	0.0	-174	0,56	
	0956	2 samp	e KH301	49 and	KH30148	ζ			•		
	113		24.30	Single	13.06	4.52	1.09	13.4	-171	2.83	
	meters (Circ	le Applicable) Pesticides / P	VOC (HCI)	Total Meta	als (HNO <sub>2</sub> ) Fi	Itered Metals nia (H <sub>2</sub> SO <sub>4</sub> )			-	CI) Suifate tractab	•
A/QC S	amples Take	n (Circle Appli	cable): None	Duplic	ate: Kr	130148	MS/MSD:			Split:	
			Hen 10/05/						ed by: MC	huller	<del></del>



Page <u>1</u> of <u></u>

SIT	E ID:	QU	1 LFO	9	WELL ID:	LF08	-mwo	. <u>8</u> A s	SAMPLE NUM	IBER:	<u>KH30</u>	150	
				<u>.</u>					Vell Casing Di				
Pur	ging Metho	d / Equipme	nt: Micropuro	je/ blade	der		Target	: Purge Volume	e: <u>2</u>	gal.			
				36				Water Level (	Depth to Wat	er):	5.47	<u>ft.</u>	
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (my) MS/C/N	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
F	10/5/04	1227		5.57	Trit	16.62	7.57	0.660	129.0	22	6,38	clear	
		1232		5.64	0.4			0.602	207	-108	1.73	emphed cell re	dtint
		1737		5.67	0,7	15.41	7.40	0.695	207	-120	1.14		
		1242		5.72			7.40	0.696	975	-130	0.47		
F		1247		5.75	1.2	15,40	740	0.688	75.5	-133	0.41	dearing	
		1252		5,79	l <sub>o</sub> O	15:06	7.40	0.687	65.1	-126	0.60	ļ	
-		1257		5.900	1.5		7.39	0.686	A-0	-132	0.51		
		1302		5,93	1,7	15,35		0.686	4 . —	-136	6,38	emotied cell	
ı		1307		5.88				0.678	20.4		9.95	1 1	
╠		1312		5.96	2.0		7.40	0,700		-134			
		1317		5,89		15.27			13.2				
		1322				15,28			-	-139			
			Colla	it sam					_				
		1456			Final.	14.60	7,40	0.676	14.5	~102	8,20		
Tes	/_			(VOC (HCI)	Total Meta	nis (HNO <sub>3</sub> ) Fil						e Nitrate(H <sub>2</sub> SO <sub>4</sub> )	•
	(svoc	_		Cyan					Furans	EX	tra Extracta	IDIE	
QA/	QC Sampl	es Taken (C	ircle Applic	cable): // None							Split:_		
San	nple Collec	ction Date:	1015	04	´ Sample (	Collection Tim	e:	1325	Prepare	ed by:	SWILL	<u> </u>	



SITE ID:	oul	LFO	8	WELL ID:	LF08	-MWO		SAMPLE NUM				
Samplers:	JP S	SW		Well Secure	e (Y/N)		v	Vell Casing Di	iameter :	2_	in.	
Purging Metho			~ ^	der			t Purge Volum			d a		
Sounding (De	oth to Well B	ottom):	24		_ft.	Static	Water Level (	(Depth to Wat	:er):	4.0	[ <u>+</u> _ft.	
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) (MS) CW	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
10/5/64	0915		5.63	Init.	13.03	6.88	0.665	869	-12-9	490	auts in well w	ater
· · · · · · · · · · · · · · · · · · ·	0920		5.44	0.5	13.09	7.10	, , ,		-12-2	2,50	•	
	0925		5,57	<u>lol</u>	13,29	7.17	0.696	14,3	-111		clearing	
	0930		5,58	1.3	13.27	7.19		11.7	-109	1.95	•	
	0935		5.65	ا کارا	13:26	7.21	0.697	0.7	-107			
	0940		5.70	2.0	13.33		0.698		<del></del>	2:02		
	0945		5,75	2,2	13.36			3,3 4, <del>6</del>	707	2.03		
-	0950	000	5.79		H3015	7.32	0.670	7.0	7109	2.84		
	0952	Collect	Sangl				0702	0,0	-PA-	100		
	1050		6.03	-final	12.02	7,52	0000	0,0	E4-	4/18		
					····							
	١											
Test Paramet	ers (Circle A	(pplicable):	VOC (HO)	Total Meta	als (HNO <sub>3</sub> ) _Fi	itered Metals	s (HNO <sub>3</sub> ) Me	ethane/Ethan	e/Ethene (H	OI) Sulfate	e Nitrate(H₂SO₄)	
SVO		sticides / PC		ide (NaOH)	Ammo	nia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin /	Furans	(E)	tra Extracta	ble	
QA/QC Sampl	∕ les Taken (C	ircle Applic	able): None	Duplica	ate:		MS/MSD:			Split:		
Sample Colle	•		5/04		Collection Tim	e: ()'	952	Prepare		switt		



SIT	E ID:	001	LFO	<u>8</u>	WELL ID:	LF08	-MWO	8c s	SAMPLE NUM	BER:	KH3012	52_
		319t	•		Well Secur	e (Y/N)	<del> </del>	v	Vell Casing Di	ameter :	2_	in.
Pu	ging Metho	ı d / Equipmen	nt: <u>Micropuro</u>	ge/ bai	Del		Target	Purge Volume	e: <u>18.2</u>	gal.		
So	unding (Der	th to Well Bo	ottom):	15.4	0	_ft.	Static	Water Level (	(Depth to Wate	er):	1.80	ft.
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	cond. (mV) MS/CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
Ĭ	10/5/04	0845		9.90			5,91	0.94	2,9	306	7.19	
		0947		-	1,8	15:37	6.21	1.01	49.5		8,20	
		0950			4.0	15.41	6.51	1.14	148		5.55	
		0854			5,5		6,77	1,09	353	306	7.54	
		0957	di	y out	6,20	ملم						
		-		<u> </u>	(	7)			<del></del> .			
		1575		1175		15.52	7,30	1.03	38.7	140	5.81	
		1825	Calle	ct son								
		1550				15.39	7,51	1.16	165.0	184	6.29	
ŀ												
ŀ												
I												
Tos	t Daramete	rs (Circle A	nnlicable)·	VOC (HC)	Total Mata	Is (HNO) Fil	Itered Metals	(HNO <sub>3</sub> ) M <sub>4</sub>	ethane/Ethane	e/Ethene (HC	CII Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
165	SVOC	-	sticides / PC			> Ammo					tra Extractab	-
	<u></u>				_	~				· -		
QA	QC Sampl	es Taken (Ci	ircle Applic	able): / None	/	ate:						
Sar	npie Collec	tion Date: _	10/5/1	<u> 94</u>	Sample (	Collection Tim	e:	525	Prepare	d by: <u>\</u>	watt-	

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#### **Purge Volume Calculation:**

Well Depth 15.4 ft

Depth to Water (DTW) 9,8 ft

(1) Well Casing Water Volume

 $V_c = \pi (r_{well}^2) \times (Well Depth - DTW) \times (1 \text{ ft}^2 / 144 \text{ in.}^2) \times (7.48 \text{ gal/ft}^3)$ 

For 2" Well

For 4" Well

 $V_c = (0.163) \times (Well Depth - DTW)$ 

$$V_c = (0.653) \times (Well Depth - DTW)$$

 $V_c = (0.163) \times (\underline{15.4} - \underline{9.8})$ 

$$V_c = (0.653) \times (_____ - ___)$$

 $V_c = 0.9129 \text{ gal}$ 

(2) Filter Pack Water Volume

 $V_f = \pi (R_{BORE}^2 - r_{WELL}^2) \times (Saturated Filter Pack Length) \times (Porosity) \times (1 ft^2/144m^2) \times (7.48 gal/ft^3)$ 

\*\*Assume 0.30 porosity, 8" borehole diameter\*\*

 $V_f = (0.734) \times (Filter Pack Length)$ 

Filter Pack Length (from well construction summary sheet)

 $V_f = 5.139$  gal

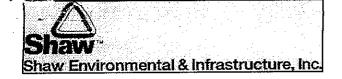
11.7-6.7:5' add z' for sand permo

(3) Total Purge Volume

$$V_T = 3 \times (V_C + V_f)$$

$$V_T = 3 \times (0.9178) + 5.139$$

$$V_T = 19.7 gal$$

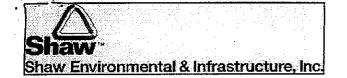


SITE ID:	001	LF08		WELL ID:	LFO	8 - Mu	109A	SAMPLE NUN	MBER:	KH 3	<u>30153</u>
Samplers:	BF/S	SW		Well Secure	e (Y/N)	4	\	Well Casing Di	ameter :	2	in.
: Purging Metho	d / Equipme	nt: <u>Micropur</u>	ne/ Wad	der		Targe	t Purge Volum	ie: <u>2</u>	gal.		
			32.5			Static	Water Level	(Depth to Wat	er):	14.10	<u>)</u> ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
6/18/04	1315		16.22	init	11.88	7.46	9.814	,3(.0	220	4.66	
, ,	1320		16.96	03	11.73		9.47.148M	26.4	206	1.20	
	1325		10,97	0.7	12.00	7.28	0.809	20.5	187	292	
	1330		19.04	0.9	11.43	7:30	0.814	22.1	178	3.16	
	1335		19.62	1.0	11.94	7.30	0.802	22.5	171	4.09	
	1340		20,04	1.05	11.94	7.32	0.906	26.3	105	4.50	
	1345		20,35	1.1	11.78	734	0.910	28.2	158	4.01	emptycell
	350		22,56	1.15	11.42	7.35	0.755	27.3	158	10.65	, V
	1355		20,69	1.2	11.20		0.779	31.4	153	6.03	
	1400		20,71	1.25	11.14	7.37		25.4	154	5.99	
	1405		20,74	1.3	11.02	7.37	0.188		154	6.02	
	1410		21.10	1,4	11.72				152	6.29	
	1415		22.0	1.6	12.03	7.38				6.22	
	420		22.59		11.20				122	5.91	
est Paramete			VOC (HCI)	Total Meta	als (HNO <sub>3</sub> ) Fi	itered Metals	s (HNO <sub>3</sub> ) M	ethane/Ethan	e/Ethene (H	CI) Sulfat	e Nitrate(H <sub>2</sub> SO <sub>4</sub> )
Syo	•	esticiales / Po			Ammo					ktra Extracta	ADIE
AA/QC Sample	es Taken (0	Circle Applic	cable): None	Duplic	ate:		MS/MŚD:_	***		Split:_	
ampia Callac	tion Date:	باها	010(1	Sample (	Collection Tim	a. 142	7	Prepare	ad hve	SW T	ナ

WELL ID: LFO8 - MW 09 A

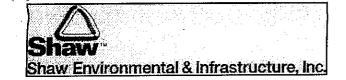
Page	2	of	2

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (DAY)— VNS/CN—	Turbidity (NTU)	Redox (mV)	DO (Mg/L)	Water Description
10/18/04	1425 1430 1435	· ·	22.73 22.60 22.63	2.0	10.90	7.37 7.38 7.30	0.006 0.004 0.002	23.7 22.6 23.1	108 106 104	6.02 6.10 6.00	
	1437	Calle Seve	ve wece	ther.	m 00-2				lect	remaly	ling
			bottle	s or	final	wa	er qu	alchy	paior	WHEN EN	<u>\</u>
									****		



			1
Page	1	of	1

	001			WELL ID:	LF08	-MW		SAMPLE NUM				
Samplers:	BFI	SW	<u> </u>		(Y/N)	1	v	Vell Casing Di	ameter:		)in.	
Purging Me	thod / Equipme	nt: <u>Micropur</u>	ge/ blad	<u>der</u>		_	t Purge Volume	-				
Sounding (I	Depth to Well B	ottom):	20.5		_ft.	Static	Water Level (	Depth to Wat	er):	13,	. <u>  0</u> ft.	
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	piH	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
0/81/11	4 0855		13.20	int	12.64	6.14	1.16	22.4	161	4.31	clear	
'·	0000		13,3	0.2	13.06	6.62	1,24	22.6	154	4.79		
	0905		13,33		13.19	6.71	1,23	10.5	122	4.60		
	0910		13,30	1.2	13.03	6.75	(.23	13.7	158	4.55		
ļ <del>.</del>	0915		13,30	1,5	13.16	6.77	1:23	14.6	161	4.56		
	0920		13.39	2.4	13.27	6.79	123	16.9	167	4.52		
	0925		13,36	3·O	13.17	6.80	1.23	18.9	169	4.50		
ļ	0930	000	13.36	3,4	13.14	6.21	1.23	20.0	169	4.46		
	0932	Coll	ect sa		15 20	100	- 660	21	7/1	621		
	1111		13.42	final	12.78	697	0.999	3A.	211	8.21		
												<b>—</b>
				·								
			~~~			<u></u>					<u>;;</u>	
Test Param	eters (Circle A	Applicable):	(OC (HCI)	Total Meta			s (HNO <sub>3</sub> ) Me	ethane/Ethan	e/Ethene (H	CI) Sulfat	e Nitrate(H <sub>2</sub> SO <sub>4</sub> )	Λ
. (50	OC) 🎤	esticides / PC	Cyar Cyar	ide (NaOH)	Ammo	nia (H₂SO₄)	Oioxin /	Furans	ھکے میں۔	tra Extracta	blod tor	oristnal
QA/QC San	nples Taken (C	Circle Applic	able): None	e Duplica	ate:		MS/MSD:	, KH301	34 MJ S4MSD	Split:	·	Sampl
Sample Co	llection Date:	10	12/04	Sample C	Collection Tim	e:	<i>9</i> 32	Prepare	ed by:	witt	e Mitrate(H <sub>2</sub> SO <sub>4</sub> )	orl



SITE ID:	001	LF08	···	WELL ID:	<u>L1</u>	F08 - N	IW IOA	SAMPLE NUN	IBER:	KH 30	1128
Samplers:	BritzIn	<u>nchill</u>	ll		e (Y/N)	,		Well Casing Di			
Purging Met	thod / Equipme	ent: <u>Micropur</u>	gePsiado					e: <u> </u>			
	Depth to Well B				_ft.	Static	Water Level	(Depth to Wat	er): <u> </u>	3le	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рH	Cond. (DAY) mS/cm	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/20/04	- 0846		25.55	Jinhal	14.73	6.39	0,596	9.4	195	8.13	clear
	0851		25.83	0.2	14.04	6.83	0.712		-109		
	0856		26.13	0.4	13.73		0.738		-128	0.19	
	0901		26.24		13,65		0,747	4.9	-167	0.00	
	0906		26.24	1.2	13/100	7.11	0.744	5.1	-171	000	
	10911		26,35	1.5	13.66	7.12	0.743	2.8	-173	0.00	
!	10916		26.42	1.9	13.64	7.15	0.741	4:0	-175	O'W	
	0921		26.42	2.2	13.65	7.16	0.240	3.9	-120	0,00	
	0926		26.44	2.4	13.64	7.17	0.742	2.1	-177	0.60	
	0931		26.44	3.1	13.66	7.18	0.740	42	-177	000	
	0933	Sam			•		,			e	
	1010			fina c	13,84	7.16	0.744	5.0	-153	3.09	
Test Param	eters (Circle /	Applicable):	VOC (HCI)	Fotal Meta	uls (HNO3) Fi	Itered Metals	s (HNO <sub>3</sub> ) M	ethane/Ethan	e/Ethene (H	CI) Sulfate	Nitrate(H₂SO₄)
(SV		esticides / P		ide (NaOH)		nia (H <sub>2</sub> SO <sub>4</sub> )		Furans		<del>tra Extrac</del> ta	V*
QA/QC Sam			cable): None		ate:					Split:_	· · · · · · · · · · · · · · · · · · ·
	lection Date:				Collection Tim	_	33	Prenare	nd hvr. 🎷	Chille	~

### Groundwater Purge Log WPAFB, OH PROJECT 829564

Sa Pե	mplers:	DV I  TP   S  od / Equipme  oth to Well B	nt: Micropure	- ge/ blac 39	lder	∌ (Y/N) 	Targe	t Purge Volume		gal.			
,	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. -(mV) 	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
	10/12/14	0950		23.86	init	13.77	5.94	0.98	07.6	130	4.97	biomass	
	,	1953		24,32	0.3	13.88	6.33	1,32	263.0	<u>~25</u>	2.09	biomass	
		1000		24,99	1.0	13.81	6.49	1.30	<i>33.6</i>	<u>~50</u>	7.71	empty cell/clea	ring
		1005		24,31	1.05	13.46	6.55	1.30	29.7	-62	0.83		· '
		1010		24.42	1.3	13.80	658	1.30	23.9	-67	0.62		
		1015		2447	1.3	13,74	6.59	1,33	22,3	-72	0.50		
		1020		24.49	2.0	13,78	6.59	1.35	17.3	~75	0.48		
		107.5		24.48	2.2	13.9	60.00	1,36	16.6	-78	0.43		
	,-	1030		24.40	2,5	13,81	6.61	1,37	20.1	-79	0.42		
		1032	Calle		de.					•			
		1/35			final	14,28	6.69	1,37	10.0	-60	6.70		
	***			-			·						
		<u> </u>						. (1110.)	· · · · · · · · · · · · · · · · · · ·	-/[thoma /1	 	ho Nitrota(U SO )	
Те	st Paramet		Applicable): esticides / Po	VOC (HCI)	(Total Meta nide (NaOH)			s (HNO₃) Ma Dioxin /			xtra Extracta	te Nitrate(H₂SO₄) able	
		_				ate:					Splift	DOEPA	
Q/	vuc samp	ies i aken (C		cable) Non						<u></u>		·	
Sa	mnle Coile	ction Date:	10/12	104	Sample (	Collection Tim	e: ( <i>U</i>	32	Ргераге	ed by:	Swith		

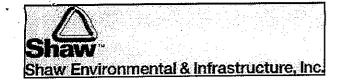
## Groundwater Purge Log WPAFB, OH PROJECT 829564

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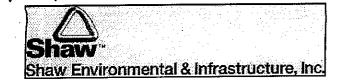
SITE ID:	001	LF 08		WELL ID:	LFO	18 - Ma	110C 8	SAMPLE NUM	BER:	KH 301	60
Samplers:	Bant2	IMChu	ler	Well Secure	e (Y/N)	<del>/</del>	v	Vell Casing Dia	ameter :	<u> </u>	in.
Purging M	ethod / Equipm	ı ent: <u>Micropur</u>	ge/Ltado	6/		Target	Purge Volum	e: <u> </u>	gal.	<del>-</del>	
Sounding	(Depth to Well I	Bottom):	25		_ft.	Static	Water Level	(Depth to Wate	er): <u>51</u>	146 1	9.16 ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/20	W 1631		BTP	Initial	15.32	7.71	0.939	24.7	85	8.50	60
	1036		BR	0.3	14.90	311	1.310	57.3	98	2.5t	Cloudy
ļ	1041		BIP	0.7	14.79	7.05	1.40	31.6	95	1.00	
	1644 1651	7	30	1.5	14.78	7.04	1.42	18.2		0.86	
	1056	,	0.70	3.0	14.77	7.04	1.42	12.1	92	0.82	
	1701		BIP	2.3	14.79	7.04	1.42		92	0.73	
	1706	2	BTP	2.6	14.79	7.04	1.42	7.4	91	0.73	
		Same		0.7	1.1.0.1	·	\ 20	4 2 .1	110	سرسع ار	
	1803		BTP	tona-	- 14.84	t. 06	1.39	4.4	112	4.55	
				<u> </u>	<u> </u>						
<b> </b>				<u> </u>							
	meters (Circle	Applicable) esticides / P	CBe Cva	Fotal Meta	als (HNO <sub>a</sub> ) Fi	Itered Metal	s (HNO₃) M	lethane/Ethano	e/Ethene (H	Ci) Sulfat	e Nitrate(H <sub>2</sub> SO <sub>4</sub> )
	amples Taken	_	cable). • Non	Dunlic	ate:		MS/MSD:			Split:_	
	collection Date		, ,	Sample	Collection Tim	ie: 17	 07	Prepare	ed by:	Chule	

### Groundwater Purge Log WPAFB, OH PROJECT 829564

SITE I	D:	001	LF08		WELL ID:	LF08	- mu	<i>LIA</i> s	SAMPLE NUM	1BER:	KH 301	61
		JP/SN		<u> </u>	Well Secure	(Y/N)	<del>Y</del>	W	/ell Casing Di	ameter :	2	in.
		- 1		e blad	der.		Target	Purge Volume	e: 2	gal.		
				57	Å			Water Level (	Depth to Wat	er):	12,71	ft.
<u> </u>	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10	3/04	1420		14.14	init	14.38	8.04	0.366	1,9	-123		clear
		1425		14.33	0.4	14.26	7.01	0.554	<u>3.0</u>	-128	0.90	
		1430		4,31	0,6	14.62	6,92	0.624	2.6	-113	0.77	
		1435		14,48	0,9	14.73	696	0.600	3.1	-108	0,75	
		1440		14,33	1.0	14,65	7.04	0.5 <del>4</del> 7	3.8	-105	0.08	
		1445		14.36	1,2	14.87	7.11	0.506	6.4	-107		
		1450		14.64	1,4	14.63	7.12	0.511	1/04	-114-	0.68	
		1455		14.70	1.6	14,58	7.11	0.510	14.2	-122	0.64	
		1500		4.75	1.9	14.60	7.11	0.526	17.8	-136	0,62	
		1505		14,51	2,0	14.60	7.12	0,526		-135		
		1510		14.35	2.1	14.80	7.13	0.519	24.3		0.68	
		1515		14,41	2.2	14.06	7.14	0,515	24.8	-144	0.00	
		1517	Colle	t sam	کگ ا						1	
		1627		14.42	'final	14.63	7.10	0.582	<u> </u>	1-129	1.76	
Test P	aramete			VOC (HCI)								e Nitrate(H <sub>2</sub> SO <sub>4</sub> )
(	śvo		sticides / Po		ide (NaOH)			Dioxin /		_	xtra Extracta	able
QA/Q	C Sampl	les Taken (C	ircle Applic	cable): None	Duplica	ate:		MS/MSD:_			Split:_	
Samp	le Colle	ction Date:	10 13	104	/ _ Sample (	Collection Tim	e:	515 8m	Prepare	ed by:	SW	#
			•	•				1517				



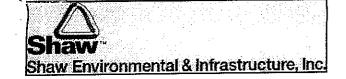
SIT	TE ID:	001	LFO	8	WELL ID: _	LF08	-mw	118 s	SAMPLE NUM	MBER:	KH30	162
			sW_			e (Y/N)	,	v	/ell Casing Di	ameter:	2	in.
Pu	rging Metho	<b>,</b> d / Eguipme	nt: Micropuro	1e/ blado	ler		Target	Purge Volume				
So	unding (Der	oth to Well B	ottom):	44.3		_ft.	Static	Water Level (	Depth to Wat	er):	12.6	25 n.
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. tmv. ms/cm	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
ı	10/13/04	0928		12.24	1111	15.10	6.01	0.99	134	227	7.66	
	_, _, _, _,	0933		12.17	0.2	14.15	6.30	0.98	7999	-70		biemass
		0938		12.18	0.4	14.45	6.49	0.98	540.	-114	0.8	
		0943		12.17	1.0	14.52	6.56	0.98	297	-126	0.76	empty cell
		0948		12.17	1.1	14.47	60101	0.98	192	-128		
		0963		12,19	1.6	14,38	664	0.98	145	-136	0.45	
		0958		12/18	1.9	14.42	6.66	0.98	196.4	-140	0,39	
		1003		12,19	2.1	14,34	60,60	0.97	79.6	-143	0.39	
		1008		12.18	213	14.43	6.68	0.97	51.0	-145	0.39	
		m13	-	12.18	2/4	14,43	6.109	0.97	37.3	-147	0.37	
		1018		12.19	2.6	14.33	6.70	6.97	24.7	-148	0.36	
		1023		12,17		14,34	6.71	0.97	23,9	-150	0,37	
		1028		12,19	3,0	14,48	6.71	0.97	24,1	-150	0,38	
ľ		1203		12/30	final		6.86	0.96	1.5	-121	3,39	
Tes	st Paramet	ers (Circle /	Applicable):	(VOC (HCI))	Total Meta	als (HNO <sub>3</sub> ) Fi	tered Metals	(HNO <sub>3</sub> ) M	ethane/Ethan	e/Ethene (H	CI) Sulfate	e Nitrate(H₂SO₄)
	(svo)		sticides / Po			Ammo			Furans	62 MS	tra Extracta	ble
						ate:			) KH30	(PC \N)	3pin	
Sai	mple Colie	ction Date:	10/13/	04	_ Sample (	Collection Tim	e: <i>  [[</i>	30	Prepare	ed by:	swutt	



Page \_1\_ of \_2\_\_\_\_

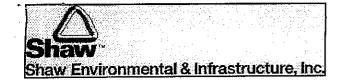
SITE ID:	OVI	LFO	8	WELL ID:	LFOR	3- 200	مارح و	SAMPLE NUM	IBER:	KH30	163
Samplers:	uu LM	chilles	<u>)                                    </u>	Well Secur	e (Y/N)	<del></del>	v	Vell Casing Di	ameter :	<u> </u>	in.
					ρ			e: <u> </u>	gal.	1	
Sounding (Dep					,	Static	Water Level (	(Depth to Wat	er):i	14	ft.
		<u> </u>		1	T	<u> </u>			i	T	
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pН	cond (mv) ms/an	Turbidity (NTU)	Redox (mV)	DO (mig/L)	Water Description
10/13/04	1429		11-66	Inital	15.50	6.29	1.29	0.0	165	6.91	
	1434		11.75	0.3	15.53	6.5	1,29	0.0	154	2.5	
	1439		11.93	0.7	15.41	6.61	1.29	0.0	148	0.96	
	1444		11.65	0.8	15.61	6.66	1.29	0.6	142	0.68	
	1449		11.30	0.9	15.48	6.69	1,30	3.0	139	6.51	
	1454		11.43	1.0	16.00	6.71	1.208	5.8	135	0.72	
	1459		11.49	14	112.05	6.73	1.29	3,7	132	0.73	
	1504		11.51	1,2	16.01	10.7H	1.29	1.8	129	0.71	
	1509		11.53	13	15.93	6.75	1.29	1.9	125	0.62	,
	1514		11-65	1.5	15.83	4.75	1.30	4.7	isa	0.54	
	519		1.45	1.10	15.90	10.76	1.29	5.4	120	0.54	
	1524		12.02	20	15.47		1,29	3.1	116	0.50	,
	1529		12.01	2.2		6.76		ઝ જં	114	0.43	
	1534		12.01	2.4	15,70		1.00		la	0.40	
	ers (Circle	•	VOC (HCI)				_				Nitrate(H <sub>2</sub> SO <sub>4</sub> )
SVO	(Pe	esticides / Po	CBs Cyar	ide (NaOH)	Ammo	nia (H₂SO₄)	)(Dioxin /	Furans	E	tra Extractal	ole
QA/QC Samp	les Taken (C	Circle Applic	cable). None				MS/MSD:_			Split:	
Sample Collec	ction Date:	10/13/	of	_ Sample	Collection Tim	e: <u> </u>	42	Prepare	ed by: <u>v</u>	chill	$\omega_{-}$

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (Mg/L)	Water Description
10/13/8	1539		12.02	2.7	15.78	6.77	1.29	1.3	111	0.38	
	1542	samp	الف								
	1631		12.02	FINAL	15.71	6,88	1.29	6.3	170	5.04	
	-									ļ	
										<u> </u>	
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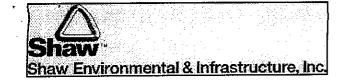


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TE ID:	OUI	LF 08	}	WELL ID:	LFO.	8-MW	<u>'101</u> 8	SAMPLE NUM	IBER:	KH 301	<u>55</u>
npters: ሺ	rhiter	BUNI		Well Secure	∍(Y/N)	···	v	Vell Casing Di	ameter :	2	in.
ina Motha	od / Equipme	nt: Micronum	ne/Bradelor	PUND	f	Target	Purge Volume	e: 2	, gal.		
	pth to Well B		1.0	.0.,00		Static	Water Level (	Depth to Wat	er): <u>3</u> 6	2,00	ft.
Date	Time (24hr)	Purge Rate	Dynamic H2O Level	Volume Purged	Temp (C°)	рH	Cond.	Turbidity (NTU)	Redox (mV)	DO- (mg/L)	Water Description
	(24111)	(gal/min)	(ft)	(gal)			mslcm		(1114)		
004/04	1231		33,50	Inishal	15.80	6.97	0.509	36.7	49	3.82	
	1236		34.15	0.1	15,34	7.18	0.614	21.3	-126	2.16	
	1241		35.45	0.3	1450	7.33	0.805		-174	1.27	
	1240	,	36.70	0.5	14.48	7.45	0.929	6.9	-197		
	1251		37.60	0.8	14.52		0.964	5.9	-201	0.20	
	1256		28.38		14.89	7.54	0.978	10.2	-204	0.64	
	1301		39.50	1,2	14.96	7.570	0.977	12.4	-204	0.67	
	13010		39-51	1.4	15.24	7.58	0.977	9.9	-204	0.69	
	i-311		39.87	1.6	15.44	7,60	0.967	9.4	-202	0.33	
	1316		40,05	1.8	15.6	7.62	0838	10.8	-200	0,38	
	1321		40.24	2.0	15.99	7.64	0.896	13.4	-196	0.86	
	1326		40.50	2.1	16.11	7.65	0.865	13,6	-194	0.95	
	13.31		40.91	2.2	15.96	7.71	0.847	10.9	-188	1.03	
	1507		47.38	FINAL	15.48	7.76	0,868	21.2	-66	2,27	
Daramof	ers /Circle /	Annlicable):	(VOC (HCI))	Total Meta	als (HNO <sub>3</sub> ) Fi	Itered Metals	s (HNO <sub>3</sub> ) M	ethane/Ethan	e/Ethene (H	CI) Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
svo	_	ettcides / P		ide (NaOH)		nia (H <sub>2</sub> SO <sub>4</sub> )		Furans		tractabl	
C Samo	les Taken (	Circle Applic	cable): None	Duplic	ate:		MS/MSD:		<u> </u>	Split:	
	les Taken (C		cable): None		ate:	ie: 133		Prepare		Split: Split:	



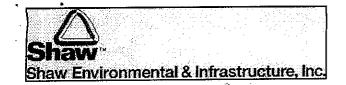
SIT	TE ID:	001	LFOS	3	WELL ID: _	LF08	- MWIC	<u>2</u> 8	SAMPLE NUM	IBER:	KH 3	156		
Sa	mplers:	KH	BE	<del></del>	Well Secure	(Y/N)	<u>Y</u>	v	Vell Casing Di	ameter :		in.		
Pu	rging Method	d / Equipme	nt: <u>Micropur</u>	1e/ BLADOE	RPUMP	·	Target l	Purge Volume	e: <u> </u>	gal.				
So	unding (Dep	th to Well B	ottom):	73	.0	_ft.	Static V		Depth to Wat		37_	09	ft.	_
ā	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (MY) MS/CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Wa Descri	ption	
	10604	1045	lwt	38.79	١٨٢	14.05	7.50	0.357		-46	1.60	PUMPING RATE POS MAINTAIN	AT June	stive
		1050	0.03	39.55	0.15	14.19	7.33	0.474	125.0	197				
		<i>`</i> 05≤	0.07	41,43		13.84	7.30	0.288		-117		INCREAS		
		1160	0.00	43.24	0.80	13.57	<u> </u>	ט. ארץ.ט		-(27		CLEAMER		
		1105	0.00	43.76	1.10	13.82	7.42	0.461	Ò	-136	0	Sugges P	ump RA	TE
		1(10	0.03	43.87	1,25	14.28	7,41	0.460 0.458	O	-136	0.03	PUMPING A	IT Suns	RATE
		1115	60.03	<b>ન ધ્ર.</b> ૦૩		14,76	7/1	0.US8		-135	0.07	POSSIANE	A-10 ST/2	- MAINTAIN FEA
		1120		44.15	1. 55	14.80	7,39	0.459		-132	০.০১			
		1125		44.30	1.70	14.90	7.37	०.५७८	٥	-130	0.05			
		1130		44.45	1. 25	15.09	7,34	0.475	O	-126	0.17			
		135		44,46	2.00	15.27	7.31	0.483	0	-123	0.20			
		lino		44.46	2,15		7,29	0,488	Õ	-120	0.22			
		1145		44,46	2.30	15.82	7.27	0.494	Ò	-119	0.22		/	
		1150	51	MPLE		# Kd	30150	)				<u> </u>	Ψ	
Tes	st Paramete	رگەق ers (Circle A	FIMAL Applicable):	OC (HCI)	Total Meta	17.01 Is (HNO <sub>3</sub> ) 7	رکر. Tered Motals	( <del>1110)</del> ) M	o etha <del>ne/Ethan</del>	- 1 35 2 1 -	のパラフ は) S <del>ulfet</del> a	Nit <del>rate(H</del>	<del>2804)</del> .	
;				Bs Cyan					Furans		tra Extraolo		-	
	/QC Sample	es Taken (C	Circle Applic	cable): None	Duplica					_	Split:_		<u>-</u>	
Sai	mple Collec	tion Date:	<u> </u>	0/6/04	Sample C	Collection Time	ə:	1150	Prepare	ed by:	KYU	= HAVEV	<u> </u>	



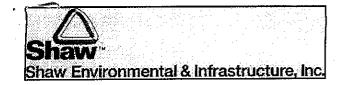
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											·
SITE ID:	00	1 LF	38	WELL ID:	LFO	8-MW	<u>) 1</u> 03 s	SAMPLE NUM	MBER:	KH3015	57
Samplers:	MChille	NBU	11	Well Secure	e (Y/N)	<u> </u>	W	ell Casing Di	ameter :	2	in.
Purging Meth	od / Equipme	nt: <u>Micropur</u>	ge/Bladd	erfuns	≥	Target	: Purge Volume	: <u>2</u>	gal.		
Sounding (De					, _ft.	Static	Water Level (	Depth to Wat	er):3	6.05	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) mS/Cn	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/02/04	0957		37.17	Inital	13.70	6.32	0.349	0.0	151	9.58	
	1002		39.00	0.3	13.34	6.84		0.0	-151	0.92	<u> </u>
	1007		39,50	0.4	12.81	712-	0.511	10.7	752	3,95	
	1012		39.28	0.5	13.41	74	0.654	4.6	- 161	2.58	
	1017		39.89	0.6	13.47		0.602	1.9	-173	1.50	
	1022		40.54	0. <b>3</b>	13.49	<del></del>	0.654	2.6	-181	0.57	
	1027	_	41.10	1.0	13.56		0602	4.8	-184	0.44	
<u></u>	1032		41.40	1,2	13,50	7.31	6,565	8,4	-181	0.41	
	1037		41.72	1.4	13,70	7.31	0.524	7.9	-174	0.37	
	10/2	•	41.85	1.6	13.87	7.31	R.531	6.7 4.3	-174	0.44	•
	1047	,	41.56	1.8	13.81	7 22	0.0001	5.1	<del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -           -     -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -</del>	0.45	
	1052		42.04	20	13.81	7.32	0.500	42	162	0.99	
-	1057		42.06	2.2	13.79	<del>-1</del> <del>-2</del> <del>-2</del>	0.515	4.2 10.7	1/02	0110	
									100		
Test Paramet	-67	Applicable): exticides / Po			ils (HNO <sub>3</sub> )> Fi					CI) Sulfate dra Satracta	e Nitrate(H <sub>2</sub> SO <sub>4</sub> ) ble
QA/QC Samp	 oles Taken (0	ircle Applic	cable): None	Duplica	ate:		MS/MSD:_			Split:_	
Sample Colle				 Sample (	Collection Tim	e: <u>110</u>	5	Prepare	ed by://	Chul	ec
v E											

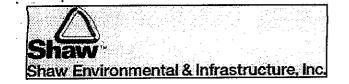
43.70 Gnal 13.94 7.40 0.547 134 -131 3.97



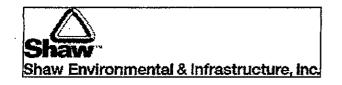
SIT	E ID:	001	LF08		WELL ID:	1-Fc	08 -MP		SAMPLE NUM			
Sa	mplers:		mc , BF	<u>:</u>			X		Well Casing Di	ameter :	Q)e	<u><b>5</b></u> in.
Pu	rging Method	d / Equipme	nt: <u>Micropur</u> g	<sub>ie/</sub> Peri	STALTIC	punp	-	-	ne: <i>NA</i>		, <i>j</i>	
So	unding (Dep	th to Well B	ottom):	\ <b>@</b> .	<u> </u>	ft.	Statio	: Water Level	(Depth to Wat	er): <u>DP</u>	N / NA	ft.
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
	10 65 01	१(७८।		DRY	AT 10	.59	NO SAM	PUE T	A145W			
						1						
								1				
				L						,		
										•		
	-								<u> </u>			
				<u>.</u>								
Te		-	Applicable):	VOC (HCI)		· · · · · · · · · · · · · · · · · · ·	Filtered Metal monia (H <sub>2</sub> SO <sub>4</sub> )		/lethane/Ethan		CI) Sulfate dra Extractab	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
	SVOC			-			1110111a (112304)		:			
	_		ircle Applic ۸	_		Collection 7						HAVENS



Samplers: MCWillu Bill Well Secure (Y/N) Well Casing Diameter: 2 in Purging Method / Equipment: Micropurge/ Bladder Rump Target Purge Volume: 2 gal.  Sounding (Depth to Well Bottom): 36.3 ft. Static Water Level (Depth to Water): 27.34	ı.
urging Method / Equipment: Micropurge/ Bladde Rump Target Purge Volume: 2 gal.	اه
	_ft.
Date   time   taile   Ditame   temb   his   committee   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married   married	nter ription
1905/04 1313   27.55 Inshal 14.89 12.62+ 4.22 0.0 -98 10.16	
1318 27,98 0.3 1274 13.02 6.99 20.1 -141 7.03	
1323 28:14 0.6 13:00 13:00 7:08 23:1 -133 7:07	
1328 28.26 0.9 12.74 13.08 4.07 19.18 -126 8.07	
1338 28.42 1.5 12.77 13.10 7.12 13.6 -122 7.61	
13/3 28.50 1.8 12.96 13.10 7.17 16.1 -121 6.69	
1348 28.59 2.1 12.86 13.11 7.20 10.9 -120 6.69	
1363 28.62 2.4 13.00 13.11 7.17 7.6 -119 6.64	
1358 28.64 2.6 13.03 13.12 7.18 6.4 -118 6.61	
1400 sample	
1457 28.53 Final 13.03 13.02 6.54 9.5 -115 6.67	<del> </del>
t Parameters (Circle Applicable): VOC (HCI) Total Metals (HNO <sub>3</sub> ) Filtered Metals (HNO <sub>3</sub> ) Methane/Ethane/Ethane/Ethane (HCI) Sulfate Nitrate(H SVOC Pesticides / PCBs Cyanide (NaOH) Ammonia (H <sub>2</sub> SO <sub>4</sub> ) Dioxin / Furans Extra extractable	<sub>2</sub> SO <sub>4</sub> )
QC Samples Taken (Circle Applicable): None Duplicate:MS/MSD:Split:	
nple Collection Date: 10 05 0+ Sample Collection Time:Prepared by:Prepared by:	
NOTE: Extra aid added to VOC, Metals, Comments and Ammonia Samples due to	



		nt: <u>Micropurc</u> ottom):	$-\omega +$	oslum	_ft.		Purge Volumo			9.78	)ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) MS/cM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
05/04	师子		30,13	Inital	12.99	8,80	0.950	23.1	-178	8.97	
	1912	1	30.37	0.4	12.95	8,39	1.04	16.6	-160	9.55	
	四日		30.44	0.7	12.96	8,03	80.1	9.4	-150	9.40	
	1822	_	30.48	0.9	1295	7.93	1.010	7.3	-148	7.71	
	1927		30.55		13.01	7.79	1.070	48.6	-1460	9.5%	
	1532		30.57	1.2	13.11	7.20	1.54	42.0	-143	5.34	
	1532	^	30.S9	1.3	13.08	7.104	1.070	40.4	-144	8,11	
	1542		30,59	1.5	13.13	2.59	1.50	35.8	-142	5.99	
	1547		30.59	1,7	13.20	7.55	1.05	28.3			
	1552	7	30.59	2.0	13.37	7.51	1.06	26.1	-138	8,29	
	1557		30,59	2.2	13,32	7.49	1.05	21.10	-137	8.39	
	1002	,	20.59	2.4	13.36	7.46	1.00	19.7	-136	7.71	
	1407		30.59		13.28	7.45	1.06	20.1	-136	8.69	
	17110			Final	13,24	7.45	1.50	12.4	-134	2.55	
aramete (SVOC	` '	Applicable (	VOC (HSH			Itered Metals		ethane/Ethan		Cl) Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )



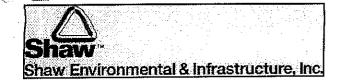
#### Groundwater Purge Log WPAFB/ Fairborn, OH PROJECT 829564

		i			PK	OJECT 829	564				Page <u>1</u>
E ID:	<u>oul</u>	LFC	J8	WELL ID:		2-DM	-85-W	SAMPLE NUM	MBER:	KH.	30140
nplers:	· K	H, BF		Well Secur	e (Y/N)		· · · · · · · · · · · · · · · · · · ·	Well Casing D	iameter :	2	<u>/in.</u>
rging Metho	d / Equipme	nt: <u>Micropur</u>	ge/ BLADO	DR Pun	IP	Targe	t Purge Volum	e: <u>2</u>	gal.		
ınding (Dep	oth to Well B	ottom):	64,	5	ft.	Static	Water Level	(Depth to Wat	er):	12.2	6ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV) MSICM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/5/04	0829	1:07	الا.32	INT.	11.106	68.0	0,602	0	17	17.18	CLEAR
•	0834	0.03	12.41	.1.5	11.62	7,28	0.596	0	- 83	3,94	. (
	P E 80	0.02	12,44	.25	11.65	7,35	0.548	0	-89	2.63	د(
	0844	0.02	12.45	.35	11.62	7,59	0,603	0	~ 23	1.74	~\
	0849	0.03	12.46	.50	11.59	7,40	0,607	Ò	-75	1.29	
	0854	0.02	12.47	. نه ٥	11,57	7,40	0,608	0	-68	1, 03	
	0859	0.03	12,47	175	11.58	7,46	0,(209	0	-( <sub>2</sub> )	0.82	ç (
	0904	0:02	12.47	185	11.60	7.41	0 احاء 0	0	<b>المار</b>	0.69	(c
	1909	0.02	12.47	.45	1154	7,41	0.(05)	٥	-62	0.50	£(
	0914	0.02	12.47	1,05	11.57	7.42	0.610	0	<u>اري -</u>	0.45	щ
	0919	0.02	12,47	1.15	11,53	7,4ኒ	0.610	0	-(23	0.42	٤١
	0924	0.02	12.47	1,25	11,58	7.41	0.608	0	الما-	0.31	¢l.
	0929	50.0	12.47	1,35	16.64	7,42	0.608	0	-lo5	0,26	ş <b>c</b>
	0934	20,0	. ነኒ,ዛገ	1,45	11,71	7,42	0.608	0.3	-100	0.24	cr .
-	<u>.</u>	pplicable): sticides / PC	VOC (HC)	otal Meta	els)(HNO3) Fil	tered Metals		ethane/Ethane		CI) <del>Sulfate</del> « <del>tra Extractab</del>	
		•									
			, , —	Duplica	ate:	· · · · · · · · · · · · · · · · · · ·	MS/MSD:_	<del></del>		Split:	
nle Collec	tion Date:	۷)	15/14	Sample (	Collection Time	<u>م</u> 17	21 <b>7</b>	Dranara	d by:	11/1=	thouse &

inn

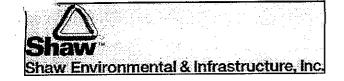
WELL ID: 02-0m-82-m Page 2 of 2

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (Mg/L)	Water Description
10/5/04	09 39	5,02	12,47	1.55	11 64	7.42	<b>১</b> .৬৩ <b>৭</b>	0	167	0.14	CHEAR
	Dann	0.02	12,47	1,65	11.73	7,42	0.608	0	-64	0.05	11
	0949	0,62	12.47	1.25	11.78	7,42	<b>৩</b> . ७ ৩ ৪		-70	0.09	11
	(D) DA 0454	0 .٥٦	12.47	1.85	11,74	7,42	800.0	0	-71	0.04	ν, (
	0959	٥.١٤	12,47	1,95	11.84	7,43	800.0	0, 6	-73	0	ч
	1004	2.02	12,47	2ن. 2	11.84	7,4 <b>3</b>	0.608	6	<u> </u>	0	ч
	1009	0,02	12,47	2.15	11,85	7.43	0.608	Ò	-76	0	11
	lory	0.02	۱۲،۷٦	2.25	11.8)	7.42	802.0	0	-77	O	į (
	1017	51	7mp LE	# 1	H 3014D						
	1145	FINAL	12.53	Fimi	11.86	7.40	0,608	0	-67	3.33	11
				:							
					·						
										<u> </u>	

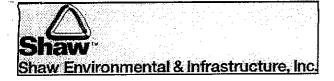


Page \_1\_ of \_\_\_

SITE ID:	001	LFOT	<u> </u>	WELL ID:	02-01	n -838	<u>7-</u> ⁄n s	SAMPLE NUM	MBER:	<u>K1730</u>	142
			<u>ll</u> er					Vell Casing Di	ameter :	4	in.
Puraina Metha	/ od / Equipme	nt: Micropur	geRslade	Lerzun	LP	Targe	l Purge Volum	e: <u>2</u>	gal.		
Sounding (Dep				•	-		Water Level (		_	.58	ft.
					<u> </u>	<del></del>	T	<del></del>	<u> </u>	T	
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) MS/CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/20/04	1331		18-65	unitial	16.00	7.29	1.21	0,0	86	9.45	
10/FC/JUI	1336		18.109	0.1	15.84	7.01	1.30	0.0	97	6.39	
	1341		18.69	0.2	15.70	6.93	1.36	0.0	102	5.31	
	1346		18.109	0.3	15.64	6.92	1.38	0.0		5.00	
	1351		18.69	06	15.66	6.94	1.39	0-0	104	5,42	
	1356		18.74	0.9	15.61	6.98	1.41	0.0	103	6.18	
	1401		18.79	1.3	15.63	4.00	1.41	0.9	103	6.20	
	1406		18.80	1.7	15.62	7.01	1.41	1.0	102	bids	
	1411		18.80	2.0	15.63	7.02	1,41	3.5	102-	6.41	
	1416		18.80	2.2	15.59	7.01	1.41	1.6	101	6.05	
	1421		18,80	2,4	15.63	7.00	1.42	1.	190	5.73	
		sam	de,			•					
	110.12		18.83	Grac	16.07	6.96	1.43	2,3	92	6.45	
oet Paramet	ers (Circle A	anlicable):	(VOC (HCI)	Joral Meta	als (HNO <sub>3</sub> ) Fi	Itered Metals	s (HNO <sub>3</sub> ) M	ethane/Ethan	e/Ethene (H	Ci) Sulfate	Nitrate(H₂SO₄)
SVO			CBs Cyar							dra-Extractab	, ,
A/QC Samp	les Taken (C	ircle Appli	cable): Non	e Duplica	ate:		MS/MSD:	,		Split:	
ample Coile	otion Dato:	inlan	Ind -		Collection Tim			Prepare	ed by: W	Chiller	. )

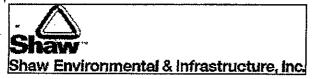


SIT	E ID:	001	LFO	8	WELL ID:	02-0	M - 83	<u>0</u> -M s	SAMPLE NUM	BER:	KH 30	141	
Sai	mplers: 🤦	fritz	1 mChi	ider	Well Secure	(Y/N)	4	W	ell Casing Dia	ameter:	<u> </u>	in.	
Pui	ging Metho	od / Equipme	nt: <u>Micropur</u>	e/Bladd	er Pung	2	Target	t Purge Volume	:_ <u>2</u>	gal.			
Sounding (Depth to Well Bottom): 12.7 ft. Static Water Level (Depth to Water): 15.50 ft.													
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рĦ	Cond. (mV) MS/CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
ľ	10/20/04	1029		15.92	Trichal	14.21	7.20	0.674	0.0		1.06		
	1 /	1034			0.4	13,95		0.681	0.20	<u>-60</u>	0.00		
		1039		16.87		13,89	7.11	0.680	1.3		0.00		
		1044		17.22	1.4	13,93		18010	2.2	-24	0.00		
		1049		17.58		13,97		0.680	3.4	-17	0,00		
		105/		17.96		14.09		0.679	<i>5</i> ,3	-	0.00		
		10.59		17.93	2.3	14.13	7.11	0.680	5.5		0.00		
		1104		18,04	2.10	14.12	3.11	6.79	6.3		0,07		
		1109		18.20	30	14,20	2.12	0.6791	5.1	<u> 2</u>	0.00		
ı		1114		18.34		14.21	7.11	PF40	4.9	5	0.50		
I		1119				14.25	7-11	0.638	4.3	7-	0.00		
İ			sam										
I		1219		19.42	Cimi-	13,99	7.10	0.680	2.1	5	4,20		
ľ		-1421-1-		1									
Tes	Test Parameters (Circle Applicable): (VOC (HCI) Total Metals (HNO <sub>3</sub> ) Filtered Metals (HNO <sub>3</sub> ) Methane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Ethane/Etha												
				cable): None									
Sar	nple Colle	ction Date:	10/32	<u> 104</u>	_ Sample (	Collection Tim	e: <u>112</u>	0	Prepare	ed by:	Chille	<u> </u>	



#### Groundwater Purge Log WPAFB, OH

					PRC	JJECT 8295	064				Pageio
SITE ID:	001	LFO:	88	WELL ID:	02-0.	M-84	<u>-</u> M 8	SAMPLE NUM	MBER:	KH301	44_
Samplers:					e (Y/N)						
ourging Metho		-	0 ( 02)		mp						
			57.	ઇ	_ft.	Static	Water Level (	(Depth to Wat	er):	20.57	<u>f</u> t.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	cond tiny) NOCM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10,814	०४३७	الاد	20,77	INT	12.65	6.41	0,745	41.2		9.02	CLEAR
	०४म।	0,10	20.99	0,50	12,24	6.36	1,31	12.)	-93	1,40	i(
	0846	0.02	21,40	0.60	1208	6.42		1.0	-114	0.63	ч
	0851	0.04	21,48	0.80	12.11	6.45		0	-121	0.50	ч
	୦୫%	0.0 <b>ય</b>	21,50	1,00	12,10	6.40		. 0	-124	0.31	tl
	0901	6.04	21.50	ا، يا	12.09	6.47	1.35	Ð	-127	0.10	И
	0490	0.04	21.50	1,40	12.04	6.47	1.35	0	-127	0	и
	0911	0,0		1,70	11.97	(0.48	1.35	0	-128		κ
	0910	0.06	21,70	2,00	11,79	6.48	1.35		-129	20.0	**
	0921	0.04	21,70	2,20	11.83	(0.49	132	0	-128	0	vl
	<b>ठ</b> ०४७	0.10	21,76	2.30		6,49		0	-127	0	VI.
-	0928		MPLE		30,44	KH 30	143		مدر		
	10/15	Finnse	21.93	Pinge	11.85"	<sub>(०</sub> .५७	1,35	0	- 125	2.30	
	_				Is (HNO <sub>8</sub> ) F						
SVOC	_	<del></del>	Bs Cyan							<del>dra Extractab</del> le	
A/QC Sample	ęs Taken (C	Circle Applic	able): None	Duplica	ate: <u>LH</u>	30 143	MS/MSD:_			Split:	
ample Collec	tion Date:		0 18 04	Sample C	Collection Time	e:	09 29	Prepare	ed by:	K. Ha	VENS
-											



#### **Groundwater Purge Log**

						AFB/ Fairbon ROJECT 829					Page <u>1</u> of _
SITE ID:	<u>OUI</u>	/LF10		WELL ID:	_ LF10	-MWDE	3A	SAMPLE NUI	MBER: K	13011	Í
Samplers:	JP/8	W		Well Secur	e (Y/N)	<u>y</u>		Well Casing D	iameter :	2_	in.
Ourging Metho	od / Equipme	ent: <u>Micropur</u>	ge/ blad	der ba	iler	Targe	et Purge Volum	ie: 17	gal.		
Sounding (De	pth to Well B	ottom):	93.7	4	_ft.	Statio	: Water Level	(Depth to Wat	ter):	9059	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/12/14	1545			inst.	15.60	7.00	0.783	76.5	112	4.06	Milky Sand
<u> </u>	1555			1.0	14.79	7.26	0.774	258	120	11.45	'
	1621	well	dry @		4	7.24	0.776	7595	97	8.80	
			J		<u>)                                    </u>			, <del>, , , , , , , , , , , , , , , , , , </del>			
10/13/14	1600		29.98		·					·	
	1610		ect sa	nple	۰						
	1635	wel	dry.	`							
							·		-		
syc	Pe	sticios / PO	_	ide (NaOA)	Ammo	ñia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin	Furans	Ex	Cl) Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
			able): None	-						Split <u>:</u>	· · · · · · · · · · · · · · · · · · ·
mple Collec	tion Date:	10	1/13/04	Sample C	ollection Time	<i>م ال</i>	2/17	Dronaro	d by	<i>∖≀≀≀₩</i>	•

#### **Purge Volume Calculation:**

Well Depth 93,74ft

Depth to Water (DTW) 96.59 ft

Well Casing Water Volume (1)

 $V_c = \pi (r_{well}^2) x (Well Depth - DTW) x (1 ft^2 / 144 in.^2) x (7.48 gal/ft^3)$ 

#### For 2" Well

#### For 4" Well

$$V_c = (0.163) \times (Well Depth - DTW)$$
  $V_c = (0.653) \times (Well Depth - DTW)$ 

$$V_c = (0.653) \times (Well Depth - DTW)$$

$$V_c = (0.163) \times (9374 - 90.59)$$
  $V_c = (0.653) \times (______)$ 

$$V_c = 0.513$$
 gal

Filter Pack Water Volume (2)

 $V_f = \pi (R_{BORE}^2 - r_{WELL}^2) \times (Saturated Filter Pack Length) \times (Porosity) \times (1 \text{ ft}^2/144\text{m}^2) \times (7.48 \text{ gal/ft}^3)$ 

\*\*Assume 0.30 porosity, 8" borehole diameter\*\*

 $V_f = (0.734) \times (Filter Pack Length)$ 

Filter Pack Length (from well construction summary sheet)

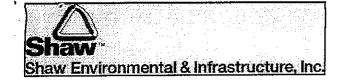
$$V_f = 5.14$$
 gal

(3) Total Purge Volume

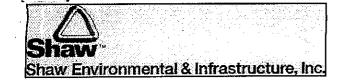
$$V_T = 3 \times (V_C + V_f)$$

$$V_T = 3 \times (0.513 + 5.14)$$

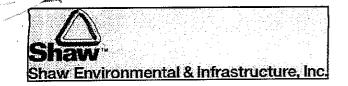
$$V_T = 17.0$$
 gal



SITE ID:	001	[LF10		WELL ID:	LP	10 - M	W05B 8	SAMPLE NUM	IBER:	KH30	65
Samplers:	_	.1 .			e (Y/N)	. /		Vell Casing Di			
			D bla	dder		, Targe	Purge Volume	e:2_	gal.		
Sounding (De	pth to Well B	ottom):	37_		_ft.	Static	Water Level (	(Depth to Wat	er):	19.47	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рĦ	Cond. MSICM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/4/04	1242		20.81	init	12.03	5.93	0.772	51.0	234	6.94	clear
	1247		21.85	0.90	11.77	6,34	0.735	18,7	42_	3.28	
	1252		21,02	1.4	12,40	6.57	0,722	14.2	<u> S</u>	1.98	
	1257		20.88	1.9	12,38	6,74	0.725	15.	-23	1.46	
	1302		20.89	2	12.39	6.82	0.728	16.1	-39	1.03	
	1307		20.89	2,3	12.35	6.29	0.724	17.6	-5	0,70	
	1312		20.98	2.6	12.32	6.92	0.720	19,9	-57	0.56	
	1313	Colla	ct San	olo	E dup.						
	H45		21.60	Anal	13.34	16.94	0.721	1.2	-5	5.69	
						· · · · · · · · · · · · · · · · · · ·					
Test Paramet		Applicable): esticides / Po		(Fotal Meta	als (HNO <sub>3</sub> ) Fi		(HNO <sub>3</sub> ) Me			CI) Sulfat	
QA/QC Samp	les Taken (C	Circle Applic	cable): None	e Duplica	ate: <u>KH3</u>	0165	MS/MSD:_	,		Split: <sub>_</sub>	
Sample Colle	ction Date:	10/41	04	Sample (	Collection Tim	ie: 12	313	Prepare	d bv:	rule) et	

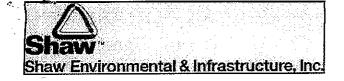


		ourli			WELL ID:	LF10	3 NW	<u>10</u> 5C 8	SAMPLE NUM	IBER:	KH3c	167
Sa	mplers:	JP 5	W		Well Secure	e (Y/N)	7	W	ell Casing Dia	ameter :	<u>Z</u>	in.
Pu	ging Metho	od / Equipme	nt: Micropurg	ie/ blad	dor			Purge Volume				_
		oth to Well B		11.			Static	Water Level (	Depth to Wate	er):	10.3	BTP ft.
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
Ì	10/6/04	0903		BTP	init	14.14	6.06		2.7		5.17	clear
	' ' '	0908		BTP	0,5	15.54	6.41	1.35	0	-5	0.74	
		0913		BTP	1,0	15.60	6.54	1,31	0	-30	641	
		0918		BTP	1,5	15,61	6.59	1,32	0	-44	6,39	
		0923		BTP	108	15.5%	101.0	1.32	. 0	-52	0.37	
		0928		BTP	21	15.55	6.64	1.33	0	700	0,35	
		0933		1	2,4	15.54	6,65	[13]	0	-79	0.35	
I		0938		1	2.8	15,24	6.66	1,27	0	-94	0.66	
		6940	Colla	ct san	Jole	- KH30	167					
				wint	ing co	Lar blu	take f	nco ve	adings			
								****				
╠												
Tes	t Paramet	`	Applicable)	VOC (HCI)	Total Meta	ls (HNOs) Eil	tered Metals	(HNO <sub>3</sub> ) Me	ethane/Ethane	e/Ethene (Ho	Cl) Sulfate	Nitrate(H₂SO₄)
				Cyan	(MaOII)	Ammoi		) DIOAIII7				ыо
QA	QC Samp	les Taken (C	Circle Applic	able): None	Dublica	ite:		WG/WGD:_	<del> </del>	•		
Sar	nple Colle	ction Date:	10/6/1	74	Sample C	Collection Time	e: <u>09</u>	40	Prepare	d by:	Wtt	



Page \_1\_ of \_\_\_\_

SITE ID: ()VI				WELL ID:	LFio	-M~	ه A م <u>ي ه</u>	SAMPLE NUM	IBER:	KH3016	8
Samplers:	uu m	Chiller	<u>/</u>	Well Secure	e (Y/N)	····	v	Vell Casing Dia	ameter :	2_	in.
Surging Metho	ł d / Equipmei	nt: <u>Micropur</u>	e Hada	J. Duru	<u>P</u>		t Purge Volum				'
Sounding (Der			87.1		_ft.	Static	Water Level (	(Depth to Wate	er): <u>+</u>	,98 /	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/11/04	1418	······································	92.45	Initial	17.22	7.40	0.629	7.9	17	4.37	27 L
1.11	1423		73,30	0.4	14.42	7.32		3.2	-09	3.44	
	1428		73.65	0.6	14.37	7.10	0.684	0.0	-49	6.31	
	433		73.70	0.8	13,98	7.39	0.679	0.0	-33	8,33	
	1438		73.75	1.0	13.91	7.51	0.677	0.0	-12	9.11	- Management
	1443		73.85	1.5	13.87	7.66	0.696	0,0	10	9.58	
	1448		73,75	2.0	13.86	7.71	0.676	0,0	9)	9.75	
	1453		73.75	2.5	13,87	7,74	0.675	0,0	2]	9,77	
	1458		73.75	3,0	14.05	7,77	0.675	0,0	_5_	9.82	
	1503		73,75	3,5	14,19	7.80	0,674	0.0	6	9.92	
1.	1508		73,75	4,0	14,06	7.81	0.675	0,0	17	10,30	
	1513		73,75	4,5	13.87	7.81	0,675	0,0	36	11.08	
	1518		73,75	5.0	13.94	7.84	0.680	0.0	42	11.03	
1610	153	9	43.75	Sinal	14.31	4.92	0.681	0,0	72	12.05	
est Paramet			Aec (HCI)	TotalMeta	als (HNO₃) Fi	Itered Metal	· s (HNO₃) M	ethane/Ethan	e/Ethene (H	Cl) Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
SVO	· ·	sticides / P		ide (NaOH)		nia (H₂SO₄)		Furans		xtractable	•
2A/QC Sampl	es Taken (C	ircle Appli	cable): None	Duplic	ate:		MS/MSD:_			Split:	
Samula Callo	-tion Dotos	inlai	n.L	Sample (	Collection Tim	a. 15	20	Prenare	dby W	chiller	



SI	TE ID:	001	[ LF10			LF10-						
Sa	amplers: <u>M(</u>	miller	Burl	<del>_</del>	Well Secure	(Y/N)						in.
Pι	arging Metho	d / Equipme	nt: <u>Micropur</u>	re/Baile					ne: <u>Qla. S</u>			
Sc	ounding (Dep	oth to Well B	ottom):(	17,73		_ft.	Static	Water Level	(Depth to Wat	er):	<del>3</del> F	ft.
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
	101104	1232				15.19	8.13	0.843	999		6.70	micky
		bail -10	reder	rough wa dings - u	tertof	w thoris	alla	Minag	heeel 3	84-GILL	and	. V
	10/2/04	0657				Corle	+ 50	nple				
					.,			·				
		.,										
						•						
	<b>3</b> 460	) Pe	esti <b>cid</b> és / Po	\	id (NaOH)	Amp	nia (H <sub>2</sub> SO <sub>4</sub> )	Dioxip	Furans	E	ktra Extracta	able
	VQC Sampl	-		. 1	Sample (	ate: Collection Tim	ne: 02	wa/wad:	Prepare	ed by:	Split:_ SWH	
				onl	421	lials						

#### **Purge Volume Calculation:** LAO-MWOGA DUP

Well Depth 67.73 ft

(1)Well Casing Water Volume

 $V_c = \pi (r_{well}^2) \times (Well Depth - DTW) \times (1 \text{ ft}^2 / 144 \text{ in.}^2) \times (7.48 \text{ gal/ft}^3)$ 

For 2" Well

 $V_c = (0.163) \times (Well Depth - DTW)$ 

$$V_c = (0.653) \times (Well Depth - DTW)$$

 $V_c = (0.163) \times (62.73 - 66.89)$ 

$$V_c = (0.653) \times (_____ - ___)$$

Vc = 0,137 gal

$$V_c = ___gal$$

Filter Pack Water Volume (2)

 $V_f = \pi (R_{BORE}^2 - r_{WELL}^2) \times (Saturated Filter Pack Length) \times (Porosity) \times (1 ft^2/144m^2) \times (7.48 gal/ft^3)$ 

\*\*Assume 0.30 porosity, 8" borehole diameter\*\*

 $V_f = (0.734) \times (Filter Pack Length)$ 

Filter Pack Length (from well construction summary sheet

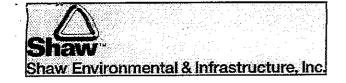
 $V_f = 8.81$  gal

(3) Total Purge Volume

$$V_T = 3 \times (V_C + V_f)$$

$$V_T = 3 \times (0.137 + 8.81)$$

$$V_T = 26.8$$
 gal



SITI	E ID:	OU	1   LF	-10	WELL ID:	LF10	-MW		SAMPLE NUN			
San	nplers:	nluk	<u>1 Chùl</u>	W	Well Secur	e (Y/N)		v	Vell Casing Di	iameter :	2	in.
Pur	ging Metho	od / Equipme	nt: <u>Micropur</u>	ne Bladdu	erpung	>	Target	Purge Volum				
		oth to Well B		1/11		_ft.	Static	Water Level (	(Depth to Wat	er): <u>3</u> 4	t.57-	ft.
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	cond. (my) mS/cm	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
	0/11/04	1012		35.74	Imbal	M2-183.15	7.40	0.830	2.4	-210	2.22	
		1017		36.48	0.2	13,39		0.846	5,5	-190	0.88	
		1022	•	38.97	0.3	13.46	724	0.850	2.5	-138	0.84	
		1027		37.20	0.4	13,74	7.20	0.850	7.3	-170	101	
L		1032	<b>,</b>	37.10	0.5	13.98	7.25	0.853	9.6	-157	<del></del>	
		1037	·	3725	Dib	14.30	7.26	0.855	5.7	-146	2.47	
		1042		37,70	0.7	13.85	7.24	0.864	4.7	-144	2.24	
		1047		37.90	0.3	13.77	7.22	0.860	5.2	-141	2.05	
		10.520		38.04	0.9	13.95	224	0876	1.4	-137	263	
		1057		38,10	1.0	13.92	1,25	0.857	2.0	-134	2.97	
		1102		38.110	1.1	14.15	7.20	0.855	2.2	-131	3.14	
		1105		38.19	1.2	14.30	1.27	0.857	4.0	-130	3,20	
		1112		38.19	1.3	14.34	7,27	0.859		-128	3,23	
		1117		38,20	1.4	14.69	1.28	0.858	39		3,23	
≔ Test	Paramet	ers (Circle A	pplicable):	(OC (HCI))	Yotal Meta	,	tered Metals	(HNO₃) Me	ethane/Ethan	e/Ethene (H0	CI) Sulfate	Nitrate(H₂SO₄)
	SVO		sticides / Po	Cyan	ide (NaOH)	Ammo	nia (H <sub>2</sub> SO <sub>4)</sub>	Dioxin /	Furans	Ex	tra Extractat	ole
QA/	QC Sampl	es Taken (C	ircle Appli	able): None	Duplic	ate:		MS/MSD:_			Split:	
		rtion Date:				Collection Tim	. 121	$\Omega$	Propara	dhe M	Chille	<b>/</b> )

#### WELL ID: LGO-MWOLB

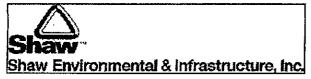
Page	2	of	2
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Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (Mg/L)	Water Description
10/11/01	1122		38.11	1.5	15.05	7.27	6.857	4.8	-127	321	
ļ	1127		33,20	1.6	14.9+	7.22	0.864	4.0	-12-7-	3.09	
	1132		38.38	1.7	14.35	7.25	0.867	1.0	-126	2.64	
	1 4 7 7		38.50	j. <u>8</u>	14.37	7,24	0.861	0.3	-126	2.34	
	1142		38.42	1.9	15.02	7.23	0.856	0.0	-126	2.17	
	1147		38.39	2,0	12.20	724	0.859	0.0	-120	2.20	
	1152		38,42	2.1	14.84	7.25	0.861	0.0	-126	258	
	1157		38,38	2.0	14.45	7.24	0.865	0.0	-185	2.73	
	1200	samp		0170							
	1334			Gnal	1479	7.34	0.856	10,3	-124	348	
	•		39.74			•		• •			
										-	
			• • • • • • • • • • • • • • • • • • • •	· · · · ·							
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TE ID:					LF1( (Y/N)	<u>Y</u>	W	/eli Casing Di	ameter:	2	in.
				z Punt		Target	Purge Volume	: <u> </u>	gal.		
			32			Static	Water Level (	Depth to Wat	er):	51.0	7ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
12 10 04	1430	. اکر ا	51.17	1.51.	13.99	گر`ک	0.822	20,4	-169	8.40	CUBAR
12-1	1435	0.10	51.17			7.36	0.869	22.9	-171	5.77	<u> </u>
	1440	0.00	21.17		اي. زر		018140		-169	1.87	Ŋ
	1445	0.10	51.12	1.50	13.67	7,20	0.860		-168	1:08	*1
	1450	0.0	51.17	2.00	13,45		158.0		-171	1,55	11
	1455		21,17		13.4}	7.26	7625		-17Ç	0.40	ſţ
	1500	0.10	51,17	3.00	1).41		6.874	4.7	-179	٢٧.٥	, l
	1503		<u>S</u> Ar	MRUE		KH 3	クロス	Kit 301	71		
	1552	FINAL	21.13	FMAC	14.00	7,45	00901		-174	4.43	- ((
						@7.c					
svoc	> @	sticides / PC	Bs Cyan	ide (NaOH)	Ammo	nia (H <sub>2</sub> SO <sub>4</sub> )	) Dioxin-/	Eurans	e/Ethene (Ex	CI) Sulfate	Nitrate(H₂SO₄)
QC Sample	s Taken (C	ircle Applic	able); None	Duplica	ite: <u>KH</u>	30171	MS/MSD:_			Split:	
			11/04	0	- II 47 ****		1403	Dennass	d by	J J12	E HAVENS



#### **Groundwater Purge Log**

LE NUMBER: asing Diameter: gal.		
asing Diameter :   8.7gal.		
to Mater):		
1 to 11dici)	9.16	ft.
bidity Redox (mV)	DO (mg/L)	Water Description
-		
ù bai	ler	
	itu) (mV)	(mV) (mg/L)

### Purge Volume Calculation: LFD MWOJB

Well Depth 30 ft Depth to

Depth to Water (DTW) <u>29.16</u> ft

(1) Well Casing Water Volume

 $V_c = \pi (r_{well}^2) \times (Well Depth - DTW) \times (1 \text{ ft}^2 / 144 \text{ in.}^2) \times (7.48 \text{ gal/ft}^3)$ 

For 2" Well

 $V_c = (0.163) \times (Well Depth - DTW)$ 

$$V_c = (0.163) \times (34 - 29.16)$$

$$V_c = 1.11$$
 gal

V<sub>c</sub> = (0.653) x (Well Depth - DTW)

$$V_c = (0.653) \times ($$
 - )

(2) Filter Pack Water Volume

 $V_f = \pi (R_{BORE}^2 - r_{WELL}^2) \times (Saturated Filter Pack Length) \times (Porosity) \times (1 ft^2/144m^2) \times (7.48 gal/ft^3)$ 

\*\*Assume 0.30 porosity, 8" borehole diameter\*\*

 $V_f = (0.734) \times (Filter Pack Length)$ 

Filter Pack Length (from well construction summary sheet)

$$V_f = 5.14$$
 gal

(3) Total Purge Volume

$$V_T = 3 \times (V_C + V_f)$$

$$V_T = 3 \times (1.11 + 5.14)$$

$$V_T = 18.7$$
 gal



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SITE ID:		ouil	LFID		WELL ID: _	LF10-	- <u>MWO</u>	<u> </u>	SAMPLE NUM	IBER:	KH 30	174			
Sampler	s:		CH BF	! 	Well Secure	(Y/N)	<u>Y</u>	v	Vell Casing Di	ameter :					
Purging I	Method	/ Equipmer	nt: <u>Micropurc</u>	e PERIS	TALTE	PUMP	Target	Purge Volume	e: <u> </u>	gal.					
Sounding	g (Depti	h to Well Bo	ottom):	18.0	)	_ft.	Static	Water Level (	(Depth to Wat	er):	14.0	• <b>6</b> ft.			
Da	te	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU) ノ	Redox (mV)	DO (mg/L)	Water Description			
10/1	امار	0350	int	14,79	mt	14.66	6.34	1,49	21.2	182	7.96	CHERR			
	<del>1(11)</del>	0855		14.89	0.10	15,00	6.64	1.50	iS.L	146	3.001				
		0900	0.02	14.90	05.0	ાર્ડ.પવ	6.63	1.49	7/9	137	2.48	vi			
		0985	0.02	, ५, ५४	0.30	15,50	6.68	1,49	5.3	134	7,40	14			
		09,0	٥.٥٧	15.02	0.40	15,59	6,70	1.49	5.3	130	२.०२	• \$			
		0915	0.02	15.10	0.50	15.93	80.0	1,48	<u> 3.1</u>	128	2.12	L S			
		0920	ره. ه	(5.16	0.60	160.23	(ල.(ලපි	1.48	2.0	125	2,07				
		0925	0.OL	رح.24	0.70	15.95	6.69		0-3	122	2,63	V			
		0930	50.0	15.30	0.80	16,12	6,69	1.48	6	110	1.87	1/	<del>/</del>		
-		0935	0.02	15.38	0,40	(ها. ۱۵	7و). فا	1.48	0_	110	1.50	14	INCREA	ieo p	WAF
		0940	8-04	15.45	1.10	16.77	(6,69)		O	107	1.53				P.A
		0945	0.54	15,51	1.30	16.84	(0,67	1,48	0_	102	1,47	+(			
		2950	0,04	15.54	1.50	16.89	6.66	ા,48	0	१०५	1,42	44			
		०५५५	0.04	15.58	1.70	16.77	(2مارو)	1.48	0	103	1,41	L(			
Test Par	ameter	s (Circle A	pplicable):	(OC (HCI)	_ \	,						<sup></sup> Nit <del>rate(H₂SO₄)</del>			
	svoc	> ₽€	sticides / PC	Bs (Van	ide (NaoH)	Ammon	nia (H <sub>2</sub> SO <sub>4</sub> )	Doxin /	Furans	Ex	tra-Extractab	<del>lo -</del>			
QA/QC S	ample	s Taken (C	ircle Applic	able): None	Duplica	nte:		MS/MSD:_		· · · · · · · · · · · · · · · · · · ·	Split:				
Sample (	Collecti	ion Date:	10/1	104	Sample 0	ollection Time	»:	1012	Prepare	od by:	KKLE	HAVENS			

Date	Time	Purge	Dynamic	Volume	Temp	рН	Cond	Turbidity	Redox	DO	Water
	(24hr)	Rate (gal/min)	H2O Level (ft)	Purged (gal)	(C°)	-	Cond (mV) MS/(N	(NTU) ´	(mV)	(Mg/L)	Description
	(ပပ်)	٥.٥٩	15.61	1,40	16,79	6.65	1,48	0	رده ا	1.33	1,
	1005	0.01	مان. گ	2.10	ાષ્ટ.⊀ી	6.65	1.49	0	104	0.99	*
	1910	0.04	15,75	2.30	16.71	6.65	1.48	O	10}	1.31	1,1
	1915		SAMPUL		# KH	30,74					
	1300	FINAL	18-02	Finac	16.87	0م).م)	1.49	0	100	3.27	и
	!										
			!								
									ì		
									-		
										ļļ	

## Shaw Environmental & Infrastructure, Inc.

### Groundwater Purge Log WPAFB, OH PROJECT 829564

•	•	1			PRU	MEG 1 058:	) <del>(4</del>				1 ago _ <u></u>
TE ID:	<u>0</u> 0	1 LFI	0	WELL ID: _	LF10.	-MWO	8A-2 S	SAMPLE NUM	IBER:	KH301	<u>דק 5 רו</u>
amplers:	K	H, BF		Well Secure	(Y/N)	<u> </u>	W	Vell Casing Di	ameter :		in.
urging Metho	d / Equipme	nt: <u>Micropura</u>	e BLADO	er Pun	<u>p ;</u>	Target	t Purge Volume	e: <u>'</u>	gal.	ž.	_
			92			Static	Water Level (	Depth to Wat	er):	67.	. <u>65</u> ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (my) WB/CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/13/04	6844	int	107.105	125	14.72	6.5	0,565	0	172	10.23	CLEAR
1-00-1	0349	0.02	69.74		13,60	7.17		0	79	9.32	
	0854	0.02	69,74	0.20	13.45	7,42	0.65	4.6	-34	5.69	ч
	0851	0.03	64.74	0.30	13.58	8.39	0.659		-11	4.88	£4
	OAOM	0-02	60174	0.40	13.85	9.22	0.00		~!7	2.12	ľ¢
	0909	0.02	69,74	0.50	13.75	9,02	0.682	13.0	2	८.४५	¥
	०वाप	0.02	69.74	0.60	13.14	7.88		8.5	<u>S</u> i	3.67	<u></u>
	अ११	الم. ق	69.74	0.70	12-71	7.31	0742	7.8	46	2,5न	54
	0924	0.02	69.74	08,0	13.73	7.22	0 . ٦ رو 0	2.8	22	2.33	. 31
	<b>७</b> वश्य	0.04	64.74	1.00	13.72	7.16	0.767	4.3	<u>-6</u>	2.06	16
	0934	0.02	(04.74	1.10	13,660	7.11	0.775	2.0	-33	1.87	46
	<b>७</b> ५५५	0.02	69.74	1.20	13.73	7.07		0	-51	1,67	c)
	0444	0.02	69.74	1.30	13,76	7.04		0	<u>-01</u>	1,50	<u>, t</u>
	Daya	0.02	(64,74)	1,40	13.71	7.01	0.792	٥	- フと	1,24	<u> </u>
st Paramete	rs (Circle A	onlicable):	VOC (HCI)	Total Metal	ls (JHNO3) Fiff	ered Metals	r(HNO3) Me	thane/Ethane	#Ethene (H0	Sulfate	Nitrate(H₂SO₄)
SVOC		sticides / PC	Bs Cyani	de (NaOH)	Ammor	nia (H <sub>2</sub> SØ <sub>4</sub> )	Qioxin /	Furans	Ex	tra Extractab	l <del>e &gt;</del>
A/QC Sample	es Taken (C	ircle Applic	able): None	Duplica	te:		MS/MSD:_		`	Split:_	OEPA
			12/24							_	HAIFIS

T. NE	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	На	Cond.	Turbidity (NTU)	Redox (mV)	DO (Mg/L)	Water Description
०वडप	idislot	0.02	69.74	1.50	13.74	6,99	0,7960	0	-73	114	GLEAR
0959	•	0.02	64.74	1.60	13.80	6.98	0.799	0	-78	0.98	Į t
1004		0.02	<sub>(ራ</sub> ዺ14	1.70	13.79	6,45	60800	0	- 80	0.85	4 (
1009		0.02	(04.74	68.1	68.61	6,95	2.983	0	-83	0.77	**
10 14		10.0	69.74	2.00	13.82	6.43	0.600	0	-65	0.61	ч
1019		0.02	69.74	2.10	13.83	6.43	0.809	Š	-87	0.53	V
المرها		0.02	69.74	2.20	13.85	6.93	0.809	0	-88	0.49	~ II
											KH)
1030			SAM	us I	# 13.47	2510					
1255		FINAL	69.74	FINAL	13.97	6.95	0.812		- 92	4,87	\/
P255			:								
											- " " " " " " " " " " " " " " " " " " "
					, <u> </u>						
	-										***************************************



### Groundwater Purge Log

					PRO	OJECT 8295	64	•			Page <u>1</u> o
TE ID:	OUI	LFIO		WELL ID:	<u></u> LF	10 - MW	108B S	SAMPLE NUM	IBER:	KH301	76
nplers:		KH, B	<u> 30</u>	Well Secure	(Y/N)	<u>Y</u>	v	Vell Casing Dia	ameter:	2	in.
ging Method unding (Dep	d / Equipme th to Well Bo	nt: <u>Micropure</u>	ge/ BLADO 18:	10 PUI	<u>hP</u> _ft.	Target	Purge Volume <b>Water Level</b> (	e: Depth to Wate	gal. er):	H-48. au	
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (m)49 MSC/M	Turbidity (NTU)	Redox (mV)	DO (mig/L)	Water Description
10 18 04	1316	mt	BTOP	12(1	WA.	ER V	ERY SI	TY M	RELAND	m ta	ILEW
** 1 :={\$	1318		B TOP	0.20		7.11	2,97	284.0	- 4(5	8.60	SKTY
	1323	0,04	BTOP	0,40		(0.87		। ५४,०	-54	750	١٤
····-	1328	ی کی		0,70	13.29		3,00	94.3	-49	5,52	, vi
	1333	0.04		0.90	13,70		3.09	S2.5	~54	0.88	CLEARING
···	138	0.04	-	1,10	14,33		307	25,7	-28		CIEAR
	1343	و۵.۵		1,40	14,43		3 08	15.2	-58	1.01	es.
	1348	٧٠.٧٥	BTOP	1.70	14.46	6.61	3,08	6.3	کار	اق, م	11
	1353	۵، ک	BTOP	2.00	iliuq	(v.60)	3,08	1.0	-58	0.39	E.I.
	1358	ده.ه	Brof	2.30	14,55		3.08	0,3	-59	0,27	11
	1403	0.01	BTOP	2,50	14,60		3.19	0.5	3	0.20	٠١
	1405	ZAM	Œ	KH Z	3176	1.00					
	1425	Finac	BTOP	Final	14.70	680	307	0,2	- 49	476	11
svoc	Pe	sticides / PC	Bs Cyan	ide (NaOH)	> Ammói	nia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin /	Furans	Ex	tra Extractabl	
C Sample	s Taken (C	ircle Applic	able): (None	Duplica	te:		_MS/MSD:_			Split:	<del></del>
i de Collect	tion Date:		10/18/19	Sample C	ollection Time	A•	1405	Prenare	d hv	KYVE	HAVENS
No CONCO	uvii Date.		(,0,0,1	- Sample O		·	, ,,,	i i ahai a	~ ~y	· · · · · · · · · · · · · · · · · · ·	



SI	TE ID:	001	LFIO		WELL ID:	LF	10 - MU	VOQA S	SAMPLE NUM	IBER:	KH301-	77
		JP/SI	•	<u>-</u>	Well Secure	∍ (Y/N)	<del>\</del>	W	/ell Casing Di	ameter:		in.
				ge/ blade	der		Target	t Purge Volume	e: <u>2</u>	gal.		
				88			Static	Water Level (	Depth to Wat	er):	511	6 ft.
a	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
	10/11/04	0850		52.17	mit	13,97	6.04	0.381	0	729	9.67	clear
		0855		54.09	0.5	<u>i2.12</u>	6.50	0.561	24.9	209		
		0900		53,77		11.91	6.77		44.2	146	12.56	
		0906		53.54		12.13	6,91	0.599	37.7	123	1.97	
		0910		53.63	1.2	12:07		0.600		106	1.72	
		0915	•	53.56	1,5	12.15				96	1.61	
		0920		53.48		12.20	7.11	0.600		61	1.40	·····
		0925		53.88	1.9	12.21	7.12	0.599	8.8	-25	1.28	
		n930		53,74	2,0	12.19	7.13	0,599	2,5	-63	1.08	
		0935		53.54	7.1	12.31	7.14	0.509	2,3	-89		
		0940		52.48	2.25	12.35	7.15	0.599	0,6	-105	0,88	
		0942	Colle	t sam	ple							
		1040		53,55	final	12,75	7.24	0,601	0	2/25	5.45	
L									· · · · · · · · · · · · · · · · · · ·			
Tes	st Paramete	ers (Circle A	pplicable)(	VOC (HCI)	Total Meta	ls (HNO <sub>3</sub> ) Fil	tered Metals	s (HNO₃) Me	thane/Ethane	e/Ethene (H	CI) Suifate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
	SVO			B) Gyan							dra Extractal	-
QΔ	/QC Sampl	es Taken (C	ircle Applic	able): None	Duplica	ite:		MS/MSD:			Split:	
		ction Date:		104		collection Time					switt	



Page 1 of \_

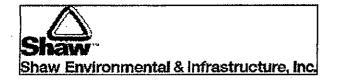
Sľ	TE ID:	OUI	LFIO		WELL ID:	LF10	- MW		SAMPLE NUM				
Sa	mplers:	J8/	SW_		Well Secure	e (Y/N)	<del>Y</del>	V	Vell Casing Di	iameter :		in.	
				ge/ Wadde	<u> </u>	<del></del>		t Purge Volum			<i>-</i>		
Sc	unding (Dep	th to Well B	ottom):	60.2		_ft.	Static	Water Level	Depth to Wat	er):	50,6	<u>9ft.</u>	==1
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mig/L)	Water Description	
	10/11/04	1055		50.89	init	14.89	7.32	0.950	33.1	71_	9.57	black "fluster	3"
ļ	<del></del>	1100		50.93	0.2	13.24	6.96	0.970	239.0	-116	1.97	emptied cell	_
		1105		50.95	0,6	13,00	6.96	0,990	4.2	-152	1.45	*	╝
		1110		50,93	1.0	12.99	7.02	0.990	11.5	-163	0.55	'	╝
		1115		50.95	1.3	12,63	7.03	0.990	<u> </u>	-166	0.41		_
		1120		50,96	1,9	12,50	7.04	0.990	0	-169	0.28		_
	-	1125		50,95	2.4	12.4	7.05	0.990	<u> </u>	-172	0.25		_
		1130		50.95	3.0	12,38	7.06	0.990	<u>Ó</u>	-174	0,24		╝
		1135		50.95	3.5	12.34	7.06	0,990	6_	-175	0.29		╝
		1137	Calle	et som	ples								╝
		1242		50.94	final	12.82	7.05	1,00	24.3	-14-8	6.39		1
					,								4
													4
Te	st Paramete			VOC (HCI)	1		Itered Metals	Dioxin /	Furans		CI) Sulfat tra Extracta	te Nitrate(H <sub>2</sub> SO <sub>4</sub> )	
OΔ	IOC Sample	es Taken (C	ircle Applic	cable): None	Duplic	ate:		MS/MSD)	KH3017	2M20	Split:_		
				14		Collection Tim	1/.	37			SW AH		



Page \_1\_ of \_2\_

SITE ID:		LF10			LFIO			SAMPLE NUM Vell Casing Di			フ <u>q</u> in.	
Samplers:	20/20	W			∋ (Y/N)	=					161.	
Purging Metho	d / Equipme	nt: Micropuro	ne/ blad	don		Targe	t Purge Volume	e:	<u>-</u> gal.			
Sounding (Dep					_ft.	Static	Water Level (	Depth to Wat	er):	<u>35.</u>	<u>25</u>	
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mig/L)	Water Description	
10/11/04	1253		35.66	init	13.73	7.08	0.94	120	9	6:71	biomass! Red!	
1.1.101	1258		35,55	0,3	12.86	7,00		750	<b>−</b> 7-7-3	4.51	bromass	
	1303		35.W		12.79	6.97	0.95	207	-73	311	biomoss cleanor	
	1308		35,56	1.3	13,09	6,99	0.95	129	-74	3,33	O	
	1313		35.60	1.6	12.84	698	0,95	174	-74	2.57		
	1318		35,60	1.9	12.80	7.00	0.94	72,2	~77	2.65		
	1323		35.62	2.0	12.77	6.99	0.94	66.6	-77	2.46		
	1328		35.61	2.25	12,79	7.00	0.94	647	-78	2,39		
	1333		35.65		12.80	7.01	0.94	37.7	-79	2.36		
	1338		35,65	30	12,90	7,04	0.94	27.4	-76	9:74	enphiedcell	
	1343		35.65	3.1	12,88	7.06	0.95	33./	-81	4.15		
	1348		35,67	3.6	12060	7,13	0,94	46,8	<u>- 84</u>	9,88		
	353		35,67	3,8	12,75	7.06	0.988	111,0	<u>- 85</u>	3.65		
	1359		35,53	3.9	13:12	7.05	0.998	67.4	-84	3,14		
est Parameters (Circle Applicable): VOC (HCI) Total Metals (HNO <sub>3</sub> ) Filtered Metals (HNO <sub>3</sub> ) Methane/Ethane/Ethane/Ethane (HCI) Sulfate Nitrate(H <sub>2</sub> SO <sub>4</sub> )												
SVOC	SVOC Pesticides / PCBs Cyanide (NaOH) Ammonia (H <sub>2</sub> SO <sub>4</sub> ) Dioxin / Eurans Extra Extractable											
QA/QC Sample	es Taken (C	ircle Applic	able): None	Duplica	ate:		MS/MSD:_			Split:		
		,			allestion Tim	- i	420	Dronoro	d bu	< ITA	_	

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (Mg/L)	Water Description
10/11/04	1403	٠	35,47	4.2	4.40	7.05	0,982	25.6	-82	5.63	
	1408		35,0	4.4	13.34	7.02	0.96	21.7	-82	2,32	
	1413		35,59	4,7	12.87	7.03	0.95	24.0	<u>-∞</u>	2,50	
	1418		35,59	5,0	12.84	7.04	0.94	17,5	-원	2.67	
	1420	(al	lact s		<u> </u>		/	<u> </u>			
	1500		35,70	final	13,35	7.14	0.95	19.9	-71	9.94	
			<del>.</del>								
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							*;				
			<del> </del>								



## Groundwater Purge Log WPAFB/ Fairborn, OH PROJECT 829564

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SITE ID:	0	101/6	FIO	WELL ID:	LF	10 - M	<u>√</u> 10<	SAMPLE NUI	MBER:	KH30	1185	
Samplers:		KH ,	<u>3F</u>	Well Secur	e (Y/N)	Y	v	Vell Casing D	iameter:	2	in.	
Purging Method	d / Equipme	nt: <u>Micropu</u>	ge/ BLADO	ER Puns	>	Targe	t Purge Volum	e: <u>2</u>	gal.			
Sounding (Dep	th to Well B	ottom):	80)	, Ö	_ft.	Static	Water Level	(Depth to Wa	ter): <u> </u>	8.80	ft.	
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
40(6)M	1432	INT	48.80	INT	14/21	7,89	0.845	21.0	31	(حارح)	CUEAR	
	1437	0.1	48.80	0.50	13.92	7.17	ריד.ט	Ø ، 3	-37	1,72	l (	
	1442	o.i	48.80	1.00	13.83	6.96	0.776	Õ	-36	0.24	1	
	1447	0.1	48.80	1.50	13.63	<u>88.00</u>	215.0	6	-39	0		
	1452	0.1	48.80	2.00	13.75	6.88	0.713	0	-37	0	и	
	j.457	0.1	48.80	2,50	13.79	. 7.cb	2,775	0	-41	0	, , , ,	
	(\$12	0.1	48.80	3.00	13.74	7.07	0,774	<u>)</u>	-44	Ö	• (	
	1507	0.1	48,80	3.50	13,63	7,09	0.775	-c	=45	0		
	1510	S <i>E</i>	MPLE		KH 3018				45 (45)			
	1530	FINGL		PIMAC	14,27	7.17	0.775	0		0.61	, i	
Toot Donom -4-	m (Cirolo A	\mmlioshis\:	(OC 49CI)	Total Mata	13(UNIO-) E++		THNO. M	than e/Ethan	~/ <u>F</u> th ~~ ~ /1.10	21) Sulfata	- Nitrate(H₂SO₁) -	
(Svoc	) F(e	sticides / P	CBs Cyan	ide (NaOH)	Ammoi	nia (H₂SO₄)	Bloxin /	Furans	Ex	tra Extractab		
QA/QC Sample	s Taken (C	ircle Appli	cable): None	Duplice	Bien _	2430124	MS/MSD:			Split:	<u> </u>	
			0/10/04	One Duplicate: LH30  Sample Collection Time:						KYVE AAVENS		



<b>-</b>			
Page	1	ot	i

sr	TE ID:	OUI	LFID		WELL ID:	<u>LE</u>	10 - M	WIIA S	SAMPLE NUN	MBER:	KH 301	86		
		39	(			e (Y/N)			Vell Casing Di	ameter :	2	in.		
		•		ge/ bladd	W		Target	t Purge Volum	e: <u>2</u>	gal.				
		oth to Well B		-1/1.			Static				30,47	ft.		
. د	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mig/L)	Water Description		
	10/11/04	1520		31.98	init	12,49	7.46	0,603	196.0	-74	3.01			
	1525 31.11 0.5 13.17 7.08 0.644 186.0 -90 1.91													
1530 31.16 1.0 13.02 7.11 0.635 58.4 -98 2.8														
1535 31.13 1.2 12.81 7.17 0.629 34.8 -108 3.06														
1540 31.15 1.6 12.89 7.25 0.613 38.7 -119 4.03														
1545 31.08 2.0 1297 7.28 0,606 37.8 -119 4.55														
		1550		31.09	2.2	12,96	7.30	0.604	37.0	-121	3,60			
		1555	<i>lecality</i>	erate.H	eriba									
		1557		36.12	2.6	13,12	6.21	0.662	115,2		11.42			
		1602		31.13	27	12.94	6,49	0.613		- 99	3.52			
		1607	-	31.11	3,0	12,88	6.47	0,649	701	-126	2,99			
		1610		ect san	vole_					<u> </u>				
		1653		31,14	final	13,30	7,05	D. GA		-123	4.98			
Te	st Paramete	ers (Circle A	oplicable):	VOC (HCI)	Total Meta	ls (HNO <sub>3</sub> ) Fi	Dered Metals	(HNO₃) Me	ethane/Ethan	e/Ethene (H	Cl) Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )		
	st Parameters (Circle Applicable): (OC (HCI) (Total Metals (HNO <sub>3</sub> ) Filtered Metals (HNO <sub>3</sub> ) Methane/Ethane/Ethane (HCI) Sulfate Nitrate(H <sub>2</sub> SO <sub>4</sub> )  SVOC (Pesticides / PCBs) Cyanide (NaOH) (Ammonta (H <sub>2</sub> SO <sub>4</sub> ) (Dioxin-/ Furans) (Extra Extractable)													
		QC Samples Taken (Circle Applicable): None Duplicate:MS/MSD:Split:												
			1 .								- N			
Sa	mple Collec	tion Date:	10/11/	UA	Sample (	Collection Tim	e: \ \ '	6/0	Prepare	ed by:	$\sim$	<u> </u>		

# Shaw Environmental & Infrastructure, Inc.

### Groundwater Purge Log WPAFB, OH PROJECT 829564

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SIT	TE ID:	001/	LF10		WELL ID:	LF10-	- MWI	1B 8	SAMPLE NUM	IBER:	KH30	18 <b>8</b>
		26/5	SW		Well Secure	e (Y/N)	4	v	Vell Casing Di	ameter:	2	in.
		-	nt: <u>Micropur</u>		lder	<del></del>	Targe	t Purge Volum	e:	gal.	_	
So	unding (Dep	oth to Well B	ottom):	43		_ft.	Static	Water Level (	Depth to Wat	er):	28.3	ft.
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
	10/2/0A	1300		2873	init	13,35	6.97	092	247.0			610mass
	•	1305		28.72	0.6	12.76	6.82	0.990	302.0		0.80	
		1310		28.72	1.0	12.96	6.25	0,994	88.5 58.6		0.96	emptied cell
		1315		28,68	1/4	13.60	6,85 6,85	0,92	43,3	-133	1.05	
	· · · · · ·	1320	, , , , , ,	28.63	1.8	13.16	6.86	0.984	36.9	-134	0.86	
ı		1325		28.70	2.0	13.00	6.97	0.987	27.6	-132	105	
		1330 1335		28,73	202	12.66	6.09	0.986		-127		emptied cell
$\parallel$		1340		28,78	2.6	12.64	6.88	0.985		-127	1.25	24001.301
ŀ		1345		28,72	2.9	12.76	10.89	0.986	ما . ما	-(27	1.30	
H		1347	Call		sole		φ.σ			······································		
		457			Ahal	14.81	691	0.920	17.2	-122	4.18	
				,	( ) 000	<u> </u>						
	·····						····	<u>[</u> ]				
Tes	t Paramete	ers (Circle A	Applicable);	VOC (HCI)	Total Meta	ıls (HNO3) Fil	tered Metals	s (HNO <sub>3</sub> ) Me	ethane/Ethan	e/Ethene (H	CI) Sulfate	e Nitrate(H <sub>2</sub> SO <sub>4</sub> )
	(SVOC			Cyan	ide (NaOH)	Ammo	nia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin /	Furans	(E)	tra Extracta	ble
OΑ	IOC Sample	es Taken (C	ircle Applic	cable): None	Duplic	ate:) KH 3	10187	MS/MSD:			Split:_	<del>-</del>
		tion Date:	,	12/04		Collection Time		<u> </u>	Prepare		will-	



SITE	ID:	OUI	LF10		WELL ID:	LFIL	- MW	102 8	SAMPLE NUM	IBER:	KH30180	<u> </u>
Samp	lers:	TD	SW_	<del></del>	Well Secur	e (Y/N)	<del>}</del>	v	Vell Casing Dia	ameter :		in.
Purgir	ng Method	/ Equipme	( nt: <u>Micropur</u> g	ge/ bar	lod		Target	Purge Volum	e:_ <del></del> _	gal.	•	
				62.			Static	Water Level	(Depth to Wate	ər):	dry_	ft.
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
										_		
			W	b ll	My	- Sa	mple	$\triangle$ $100$	+ ca	Ilect	ed	
					<del></del> ()		f -		:			
									-			
							<u> </u>			•		
						,						
			<u></u>									
				,			:					
	Parameta	rs (Circle A	nnlicable).	VOC (HCI)	Total Meta	ıls (HNO₃) Fi	Itered Metals	(HNO <sub>3</sub> ) M	ethane/Ethane	e/Ethene (H	CI) Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
i est f	aramete SVOC		sticides / Po	• •		Ammo					tra Extractable	
QA/Q	C Sample	s Taken (C		cable): None	Duplica	ate:		MS/MSD:_			Split:	
Samp	le Collect	ion Date:	NA	• 	Sample (	Collection Tim	e: <u>N</u>	A	Prepare	d by:	SWOT	



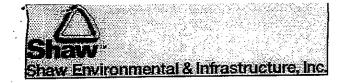
Page \_1\_ of \_\_\_

SITE ID: _	001 -	LFID	· · · · · · · · · · · · · · · · · · ·	WELL ID:	LF(C	-MW 16	3_ \$	SAMPLE NUN	/BER:	LH 301	81	
	JP/	1		Well Secure	e (Y/N)	<del>/</del>	V	ell Casing Di	ameter:	2_	in.	
	ethod / Equipmo		۱ ۸	dder.		Targe	t Purge Volum	e: <u>2</u>	gal.			
	Depth to Well E		10				Water Level (	Depth to Wat	er): 3	2,26	ft.	ล
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рΗ	Cond.	Turbidity (NTU)	Redox ·(mV)	DO (mig/L)	Water Description	
10/6/6	64 1330		3294	init	18.32	7.62	0.962	12.3	238	8.84	clear white floa	ing debris
	1335		34.16	0.2	15.56	6.58	1.38	10.6	~112	3,54		
	1340		35.88		14.82	6.49	160	3.1	-115	1.12		
	1345		36,50	0.9	14.96		1.06	14.6	-118	1.15		
	1350		36,93	0.9	15.01	6.49	1.65	54	-12-1	1,92	·	
	1353		37.20	1,0	16.20	6,50	1.66	10.2	-122	2.18		
	1400		37.29	1.05	16.51	6.50	1.65	9,8	-122	2,35		
	1405		38.03		16.19	53 ما	1.45	36.5	-120	2,20		
	1410		38,75	_	15.81	60	0.99	32.0	-1197	2,09		
	1415	<u> </u>	39,21	1/3	5.72	6.66	0.936	264	-120	2.20		
	1420		39,39	1.4	15,70	6.73	0.862	21,1	-125	2,42		
	1425	-	39.55		15.73	6.80	0,830	15.5	-129	2.45	@ top of pump	
	1430		well di			7 .9 3	10 2011	2 / '2	200	0 ~	B46	
	OH 08AZ	•	33,48		15-15		0,794	,		856		i
Test Paran	neters (Circle	Applicable):	VOC (HCI)	Total Meta	ls (HNO) Fi	Itered Metals	s (HNO <sub>3</sub> )M	athane/Ethan	e/Ethene (HC	CI) Sulfate	e Nitrate(H₂SO₄)	
	~ \ >	esticides / Po			Ammo			Furans		tra Extracta		
ONICC CO	malos Takon (i	Cirolo Applie	cable): None	Dunlie	ata.		MS/MSD:			Split:		
Sample Co	llection Date:		10/7/04	Sample C	Collection Tim	e: <u>00</u>	45	Prepare	ed by: <u>≥</u>	SW ear		
					٠		C	llectre	d onl	4 1L	of SUOC, D	iox,
	•									l	Pest	lock

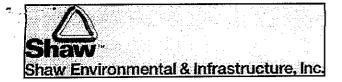


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Page	1	of	i

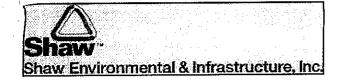
SITE ID: _	OUI	LFIO		WELL ID:	LFID	- M	<u> </u>	SAMPLE NUM	BER:	KH 30	186	
	26/2			Well Secure	e (Y/N)					2	in.	
Purging M	ethod / Equipme	ent: <u>Micropur</u>	ner baile			Target	Purge Volum	e: <u>2</u>	gal.			
Sounding	(Depth to Well B	ottom):	71.1	00	_ft.	Static	Water Level (	(Depth to Wate	er):(\bar{\bar}\)	W_	ft.	
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
						,					0.4	
		Wel	e dru	at	71.6	8'-	Sow	uder	not	- Cl	Worted	
				)				70				
							<u> </u>					
									,	<u> </u>		
											· · ·	
			-				:					
<u></u>					. (1016.) =	14 A B A	///NO > 34	- No 17-21	//_thora 7/16	N C.16-4-	Nitroto(U.SO.)	
	st Parameters (Circle Applicable): VOC (HGI) Total Metals (HNO <sub>3</sub> ) Filtered Metals (HNO <sub>3</sub> ) Methane/Ethane/Ethane/Ethene (HCI) Sulfate Nitrate(H <sub>2</sub> SO <sub>4</sub> )  SVOC Pesticides / PCBs Cyanide (NaOH) Ammonia (H <sub>2</sub> SO <sub>4</sub> ) Dioxin / Furans Extra Extra ctable											
	mples Taken (0			Duplica	ate:		MS/MSD:_			Split:		
	ollection Date:			Sample C	Collection Tim	e: <u>NA</u>	-	Prepare	d by:	Au	Well	



ing Metho	JP 2	nt: <u>Micropur</u>	1e/ bladd		•	Target	Purge Volume Water Level (	Depth to Wate	gal. er):	46.10	<u>f</u> t.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mig/L)	Water Description
0604	1515		46.79	init	17.17	7.32	0,576	56.9	41	10.88	Clear
1 12 1	1520		48.71	0.2	14.45	7.60	0,580	43,4	53	6,33	
	525		49.74	0.5	15,42	756	0.583	41.0	_32_	2.92	
	1530		50.85	0.8	15.05	7.56	0.589	35.8	14	[,93	
	1535		51,68	1.0	15.76	7155	0.592	33,4	<u>-2</u>	1.44	
	1540		52,45	<u> </u>	15.25	7.56	0.592	32.4	<u>~q</u>	1,26	<del></del> .
	1545	<u> </u>	56.29	1.9	13.14	7.60	0,593	30,5	<u>-19</u>	0.16	
	<u>1550</u>		58.93	2.2	13,17	7.59	0.593	23.4	-22	0.63	
	1555	B41	7 <u>6</u> 59.56	218	13.40	7.57	0.592	21.3	-20	0.68	- 00 0.
	1600		BTP	2.9	14.23	7.51	0,592	18,2	-15	0,85	well dry.
			63 4 13	- A	1 /20		15.0.00	-			<u> </u>
0/7/04	1945		56.03		to 11000	read	rings				
<del></del>	0947	rolly	ct son	ple						1	
SVOC	Per es Taken (C	sticides / PC		de (NaOH)  Duplica	Ammo	nia (H₂SO₄)	Dioxin MS/MSD:	Furans	E)	dra ExtractaSplit:	



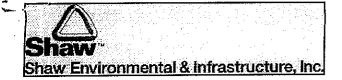
SITE ID: _	00	11/11	F10_	WELL ID:	01-	DM - 10	<u>∠</u> 5-M s	SAMPLE NUM	IBER:	KH301	37	
Samplers:		5P'	<u>.</u>	Well Secur	e (Y/N)						in.	
Purging Me	ı ethod / Equipm	ent: <u>Micropur</u>	ge/ bailer			Target	Purge Volume	e: <u>15,°</u>	15 gal.			
Sounding (	Depth to Well I	3ottom):	26.0	1	ft.	Static	Water Level (	Depth to Wat	er):	25,8	<u>Zft.</u>	_
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
10/12/	04 1521		25.82					644.0	88	9.10	brackish   red	color
	1525	well	lry-	0.05	gal p	nzed						
12/13	01 1400	Wan	DRT	, ^	10 51	ME	TAL	ŒW				
						,						
	<u> </u>							<u> </u>				
		<b>Applicable):</b> esticides / P			als (HNO₃) Fi Ammo			ethane/Ethane Furans		CI) Sulfat ktra Extracta	e Nitrate(H <sub>2</sub> SO <sub>4</sub> )	
	VOC F mples Taken (		•	•	ate:							
	•		•								E HAVENS	



SITE ID:	ou uu lm	chill	F 10	WELL ID: _	01-DM	1-1021 1		SAMPLE NUM Vell Casing Di			3 <b>⊘</b> in.
Purging Metho	d / Equipme	nt: <u>Micropur</u> g	ne/Bladd	es Ring	<u> </u>						/112 av (idispe)
Sounding (Dep	oth to Well B	ottom):	<u></u>	8.0	_ft.	Static	Water Level	(Depth to Wat	er):	1.0 D	/48.94 ( dish
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal) _	Temp (C°)	Ηд	Cond. (my) MSICM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/11/02	0917			Inital	13.10	6.36	O. 508		156	6.09	suspended particle
	0922	-bia		up no	t meric		pull f				pump .
101304	T	127	49.03	المر	16.02	9.24	0.296		2 2	8,91	Cuson
	1413	0.04		0.30	15.05	9.46	0.298	9,4	13	9,01	YŁ
	1418	٥.٥٧	49,03	6.30	14,47	١٥٠١٦	0.318	7.9	-10	7.35	
	1423	0.02	49:03	७.५०	14,30	10.54	0.363	<u> </u>	-38	7.21	46
	1428	0.02	49.03	0.50	14,36	10.51	0.364	2,0	- 39	5,42	٧١
	1433	0.52	49.03	0.60	14,20	10.34	<u>0.359</u>		-33	5.79	<u> </u>
	1432	0.05	49.03	0.70	14,20	9.98_	0.344	1,4	719	4,83	u
	1443	0,02	49.03	0.80	14,51	9.72	0.337	1,0	-7	4.65	u
	1448	0.02	49.03	0,90	14,38	9,44	0.340	1,9	3	4,50	Y
	1453	0.02	49.03	100	14.35	921	0.355	1,1	13	4,33	4
	1458		49.03	1.10	14,28	8.98	0,379	0.2	23	4,13	L(
	1503	مراه	49.03	1,20	14.27	8,41	0.390	٥	26	4,09	· · ·
Test Paramete	· ·	<b>Applicable):</b> esticides / PO	<b></b>	Total Meta		rered Metals	(HNO <sub>e</sub> ) M			CI) Sulfat	e Nitrate(H₂SO₄)
	/ \		/ >			11.000					
QA/QC Sampl	les Taken (C	Circle Applic	able) None	Duplica	ite:		MS/MSD:				
Sample Collec	ction Date:		0/3/व	_ Sample C	Collection Time	ə:	1535	Prepare	ed by: M	CALL	

WELL ID: 01 - PM - 102 P-M Page 2 of 2

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pН	Cond.	Turbidity (NTU)	Redox (mV)	DO (Mg/L)	Water Description
10 13 04	1508	ტ.ის	40.03	1.50	14.26	8-76	0.407	6.4	31	4,03	curan
301.01.0	1513	0,34	49,03	1.70	14.39	8,68	0 413	0	રુપ	3.47	
	15.18	0.04	49.03	1.90	14,49	8.57	0.427	0،ده	39	3,44	u
	1523	0.03	49.01	2.05	14,57	8.39	0.449	0	46	3.43	H
	1528	0,03	<u> </u>	2.15	14.52	8.30	0.465	0	49	3.87	ιί
	1533	(۵.٥	49.03	2,30	14.43	8.18	0.478	0	22	3.77	· · · · · · · · · · · · · · · · · · ·
	1232		SAMPL	<u> </u>	中山	430136					
	1640	FINAL	49,03	FMAL	14,46	7.51	0,613	1,4	108	(a.37	V
									<del></del>		
									` <i>.</i>		# / st
					·						
					<b>`</b>						
		-				<del></del>			<u> </u>		
								<u> </u>			
								<u>,</u>			
									1	<u> </u>	



SITE ID:	001	LFI	0	WELL ID: _	01-	104-1	<u>v</u>	SAMPLE NUM	IBER:	KH3	0135	•
Samplers:	¥	H, BU	<del></del>	Well Secure	(Y/N)	Υ	v	Well Casing Di	ameter :	- 2	in.	
Purging Method	d / Equipme	nt: <u>Micropurg</u>	e/ BCADOC	NL PUM	0	Target	Purge Volum	e:	gal.	2		
Sounding (Dep	th to Well Bo	ottom):	<u>(</u>	3.0	_ft.	Static	Water Level	(Depth to Wat	er):	30	•. 39 <sub>ft.</sub>	
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
10/20/04	0433	INT	36.39	INT	Λ/ο	READ	·N65	4 %	MASS		DARK ORANGE	
	0938		36.39			RHADIA	WG.		MASS		DARIL ORANGE	·
	0943	0.20	36,39	2,00	<b>.</b>	READI	N65 /	Bio	MASS		LIGHT DRANGE	ļ
	0948	0.20	360,39	3.00		O REAC		Beo	M455		LIGHT ORAMG	
	0953	0.20	36,39	4.00	/	JO RE	4021165	Bro	MASS		LIGHT ORANGE	ſ
	0958	0.20	36,39	5.00		NO DE	40,N65'	1 Bro			CLEARING	
	1002	0.06	36.39	2.30	11,91	6.42	1.12	519.0	205	5.84	ч	
	1007	0,02	36.39	5 40	12.01	6.70	1,10	450.0	191	3.81		
	1012	0.06	36.39	5.70	12,02	6,85	1,09	455.0	いつと	3,58	LICHT OPANG	BIO MSS
Ę.	1017	0.04	36.39	5.40	15.07	6.92	1.08	390,0	436	3.53	11 4	-
	4027	0,00	36,39	6.20	12.11	6,99	1,07	2 20.0	28	3.65	•	A CEL
	1027	0,00	36.39	6.50	12.02	7.02	1,57	278.0	25	3.48	LIGHT ORAL	CE BOO MIS
	(032	0.00	Xo.39	6.80	12.03	7.05	1.67	250.0		3.48	11 11	1 "
	1037	0.074		7.00	12.05	7,06	1,07	2 55,0	16	3.47	ા ૫	41
Test Paramete	ers (Circle A	applicable):	YOC (HO)	Total Meta	ls (HN)O₃) Fii	It <del>ered Metals</del>	<del>(€OAH)</del>	ethane/Ethan	e/Ethene (HC	i) <del>Sulfate</del>	- N <del>itrate(H₂SO₄)</del>	
SVOC		sticides / PC		de (NaOH)	Ammo	nia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin	Furans	Ex	<del>ra Extracta</del>	<del>ble</del>	
QA/QC Sample	es Taken (C	ircle Applic	able): None	Duplica	ite:		MS/MSD:		•	Split:_		
				/							CE HAVENS	

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	cond.	Turbidity (NTU)	Redox (mV)	DO (Mg/L)	Water Description	on
12001	1842	0.06	36.39	7,30	12,15	6,97	1,07	200.0	5	5.08	CLEANED	HORIBA
	IDUT	حال ن	3639	760	12.05	7.09	407	206,0	<u>~1</u>	351	LIGHT OF	PANIC
	1052	0.00	₹6.39 ₹6,39	7.90	12.09	7.0	1,07	209.0	16	3.56	14	
	1057	0.00	36,39	8.10	12.18	7.11	1.07	202.0	37	355	ĘC	u f
	1100	<u>24</u>	<i>twole</i>		# K	H30135						
	1140	FINAL	36.39	FINAL	12,35	(B) 75	1,07	267.0	147	5.99	ORANG	5
			-			7.21						
					<u>-</u>							
	-											
					,							
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		İ										

# Shaw Environmental & Infrastructure, Inc.

### Groundwater Purge Log WPAFB, OH PROJECT 829564

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Page	1	of	- 1	

SIT	E ID:	001	LLF	8/10	WELL ID:	LF	8/10 -	EFF :	SAMPLE NUM	IBER:	Va3	0033
		fritz/	•		Well Secur	e (Y/N)			Well Casing Dia	ameter:	NIA	in.
Pu	rging Metho	d / Equipme	nt: <u>Micropur</u>	ge/ Tap	- <del></del>				ie: <u>N/A</u>			
So	unding (Dep	oth to Well B	ottom):	UA		_ft.	Statio	Water Level	(Depth to Wate	ər): <u>/ / /</u>	<u>'A</u>	ft.
۵.	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. _(m/4) 	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
Ī	10/21/04	0850		ple a	election	$\mathcal{M}$			T 0 1	1	0.00	
-		0900	-NA			12.89	7.04	1.28	69,3	1810	9.80	
∦												
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-												
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₽							<u> </u>					
∦				·								
≖ Tes	t Paramete	rs (Circle A	(pplicable)	VOC (HCI)	Total Meta	is (HNO) Fi	Itered Metals	s (HNO <sub>3</sub> ) Me	ethane/Ethane	/Ethene (H	CI) Sulfate	Nitrate(H₂SO₄)
,	SVOC	•	sticides / P			Ammo			Furans		dra Extractai	
QA/	QC Sample	es Taken (C	ircle Applic	able): None	e Duplica	ıte:		MS/MSD:_			Split:	
												r
-				mical D				PH		_		
				* Greas					al Disso	Jugal	Solid	
								(04	er Diss	JUY (/\		• <i>)</i>



#### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: No COC

Location Code:	LF8/10-EFF		Task:	03180100
Sample Number:	KQ30031	Collection	Date:	28-JUL-0
Sampla Mama:	LF8/10-EFF-EW-KO30031-REG	0.11	***	10 40

Sample Name: LF8/10-EFF-EW-KQ30031-REG Collection Time: 12:40

Sampling Method: WF Start Depth:

End Depth: Sample Matrix: WL

Sample Purpose: REG

ERPIMS Values; Sacode: Lot Control#;

Sample Team: Containers

Analytical Suite	Flt	Frtn	Q(y	Size	Units	Туре
VOC	N		3	40	ML	VOA Vial
METALS	N	b	1	1	L	HDPE
COD	N	c	1	500	ML	HDPE
OIL_GREASE	N		ľ	1	L	Amb. Glass
PH	N	e	[	500	ML	HDPE
TSS		e	1	500	ML	HDPE

Comments:

**Sketch Location:** 

Sample Type: EW

Logged BY / Date:	Reviewed BY / Date:



#### 829564 WPAFB

Manager: Joe Tyburski

	RFA/	COC	Number:	No	COC
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Location Code:	FIELDQC		Task:	03180100
Sample Number:	KQ30032		Collection Date:	28 <b>-JUL</b> -04
Sample Name:	FIELDQC-WA-K	(Q30032-TB	Collection Time:	12:30
Sampling Method:	G		Start Depth:	
Sample Type:	WA	Sample Purpose: TB	End Depth:	
			Sample Matrix:	W
			Sample Team:	
Analytical Suite	Containe Flt Frtn Qty Size		ERPIMS	Values: Sacode:
VOC	N a 2 40	ML VOA Vial		nacoue: mol#:

Comments:

Reviewed BY / Date:	
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#### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC Number:	KQ041021
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Location	Code:	LF8/10-EFF

Sample Number: KQ30033

Sample Name: LF8/10-EFF-EW-KQ30033-REG

Sampling Method: G

Sample Type: EW

Sample Purpose: REG

Task: 04200100

Collection Date: 21-OCT-04

Collection Time: 08:50

Start Depth:

End Depth:

Sample Matrix: WL

Sample Team:

ERPIMS Values: Sacode: Lot Control#:

			Con	taine	rs	
Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
РН	N	С	1	500	ML	HDPE
TSS	N	С	1	500	ML	HDPE
COD	N	D	1	250	ML	HDPE
OIL GREASE	N	E	1	1	L	Amb. Glass

#### Comments:



#### 829564 WPAFB

Manager: Joe Tyburski

Location Code: 01-004-M

Sample Number: KH30135

Sample Name: 01-004-M-GW-KH30135-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 20-OCT-04

ERPIMS Values: Sacode: Lot Control#;

Collection Time: 11:00

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Type
VOC			3	40		VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

Comments:

Logged	BY/	Date:



#### 829564 WPAFB

Manager: Joe Tyburski

RFA/COC Number: KH041013

Location Code: 01-DM-102D-M

Sample Number: KH30136

Sample Name: 01-DM-102D-M-GW-KH30136-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 13-OCT-04

Collection Time: 15:35

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

			Con	taine	rs	
Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	Ν	В	1	1.	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

**Comments:** 



829564 - WPAFB

<u> </u>		Manager: Joe Tybur	ski
		RFA	A/COC Number: NONE
	01-DM-102S-M		Task: 04200100
Sample Number:	KH30137		Collection Date: NA
Sample Name:	01-DM-102S-M-G	W-KH30137-REG	Collection Time: NA
Sampling Method:	BP		Start Depth:
Sample Type:	GW	Sample Purpose: REG	End Depth:
Sampling Equip:			Sample Matrix: WG
Partners:			Sample Mairix. WG
ГВ)	(ER)	(FB)	Sample Team:
Analytical Suite	Container Flt Frtn Qty Size	rs Units Type	ERPIMS Values: Sacode:
VOC	N A 3 40	ML VOA Vial	Lot Control#:
METALS	N B 1 I	L HDPE	and database the transfer of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of t
SVOC	N C 2 1	L Amb. Glass	
PEST/PCB	N D 2 I	L Amb. Glass	- <del></del>
DIOX_FURAN	N E 2 1	L Amb. Glass	
AMMONIA	N F 1 250	ML HDPE	
CYANIDE_TOT	N G 1 250	ML HDPE	
EXTRA_EXTRACT	N H 1 1	L Amb. Glass	:
Groundwater Int	formation:		
Measured W	/ell Depth:	Depth To Water:	
Comments:	Samples	, not collec	ted-well dry
Sketch Locat	ion:	•	
Logged BY.	/ Date:	R	eviewed BY / Date:
	e evel.	11	U + 1 U + 1 U + 1 L U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U + 1 U +



#### 829564 WPAFB

Manager: Joe Tyburski

Location	Code:	02-DM-81D-M

Sample Number: KH30138

Sample Name: 02-DM-81D-M-GW-KH30138-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 05-OCT-04

ERPIMS Falues: Sacode: Lot Control#:

Collection Time: 16:09

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frti		Size	-	Туре
voc	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	MŁ	HDPE ·
CYANIDE_TOT	N	G	1	250	ML	HDPE

Comments:

Logged	BY	/	Date:
			~



#### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC Number	:: KH041005

Location Code: 02-DM-81S-M

Sample Number: KH30139

Sample Name: 02-DM-81S-M-GW-KH30139-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 05-OCT-04

Collection Time: 14:00

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

Containers								
Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре		
VOC	N	A	3	40	ML	VOA Vial		
METALS	N	В	1	1	L	HDPE		
SVOC	N	C	2	1	L	Amb. Glass		
PEST/PCB	N	Đ	2	1	L	Amb. Glass		
DIOX_FURAN	N	E	2	1	L	Amb. Glass		
AMMONIA	N	F	1	250	ML	HDPE		
CYANIDE_TOT	N	G	1	250	ML	HDPE		

Comments:

Logged	BY/	Date:
	,	will.



## 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH04100	IX I' AX	/ COC	Rumber.	1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/	J.
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Location Code: 02-DM-82-M

Sample Number: KH30140

Sample Name: 02-DM-82-M-GW-KH30140-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 05-OCT-04

Collection Time: 10:17

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode: Lot Control#;

Containers								
Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре		
VOC	N	A	3	40	ML	VOA Vial		
METALS	N	В	Ī	1	L	HDPE		
SVOC	N	С	2	1	L	Amb. Glass		
PEST/PCB	N	D	2	1	L	Amb. Glass		
DIOX_FURAN	N	E	2	1	L	Amb. Glass		
AMMONIA	N	F	1	250	ML	HDPE		
CYANIDE TOT	N	G	1	250	ML	HDPE		

Comments:



## 829564 WPAFB

Manager: Joe Tyburski

Location	Code:	02-DM-83D-M

Sample Number: KH30141

Sample Name: 02-DM-83D-M-GW-KH30141-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 20-OCT-04

ERPIMS Values: Sacode: Lot Control#:

Collection Time: 11:20

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt		Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	ī	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

**Comments:** 

Logged	BY/	Date:
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Reviewed I	BY/	Date:
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### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: K	HU	41	UZU
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Location	Code:	02-DM-83S-M

Sample Number: KH30142

Sample Name: 02-DM-83S-M-GW-KH30142-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 20-OCT-04

Collection Time: 14:23

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Type
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

ERPIMS Values: Sacode: Lot Control#:

### Comments:

Logged :	BY	Ι.	Date:
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## 829564 WPAFB

Manager: Joe Tyburski

<b>RFA</b>	/ COC	Number:	KH04	1013

Location Code: 02-DM-84-M

Sample Number: KH30143

Sample Name: 02-DM-84-M-GW-KH30143-FD

Sampling Method: BP

Sample Type: GW

Sample Purpose: FD

Task: 04200100

Collection Date: 18-OCT-04

Collection Time: 09:28

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values: Sacode:

Lot Control#:

Containers						
Analytical Suite	Flt	Frti	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	Ł	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE TOT	N	G	1	250	ML	HDPE

### Comments:

Logged	BY	/ Date	
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## 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	KH041018

Location Code: 02-DM-84-M

Sample Number: KH30144

Sample Name: 02-DM-84-M-GW-KH30144-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 18-OCT-04

Collection Time: 09:28

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#;

Containers						
Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L.	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

Comments:

Logged	BY/	Date:
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Reviewed BY/	Date:
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Page 1 of 1

829564 - WPAFB

Manager:

Joe Tyburski

ampling Method: Sample Type: Sampling Equip:	KH30145 LF08-MP013-GW-KH30145-REG PP	Task: 04200100  Collection Date: NA  Collection Time: NA  Start Depth:  End Depth:  Sample Matrix: WG
rtners: 3)	(ER) (FB)	Sample Team:
Analytical Suite VOC METALS SVOC PEST/PCB DIOX_FURAN AMMONIA CYANIDE_TOT EXTRA_EXTRACT  Groundwater Inf Measured W		ERPIMS Values: Sacode: Lot Control#;
Comments:  Sketch Locati	Samples not collection:	ed - well dry

Logged BY / Date: Reviewed BY / Date:	Reviewed BY / Date:
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### 829564 WPAFB

Manager: Joe Tyburski

Location Code:	LF08-MW02A	Task:	04200100
Sample Number:	KH30146	Collection Date:	05-OCT-04

Sample Name: LF08-MW02A-GW-KH30146-REG Collection Time: 14:10

Sampling Method: BP

Sample Type: GW Sample Purpose: REG End Depth:

Sample Matrix: WG

Start Depth:

Sample Team:

**Containers Analytical Suite** Flt Frtn Qty Size Units Type VOC 3 40 MLVOA Vial N A **METALS** HDPE N B 1 L SVOC N C 2 1 Amb. Glass PEST/PCB 1 N D Amb. Glass DIOX FURAN 1 Amb. Glass NE AMMONIA ML HDPE N F 1 250 CYANIDE TOT 250 NG ML HDPE

ERPIMS Values: Sacode: Lot Control#:

#### Comments:

Logged BY / Date:	Reviewed BY / Date:	



## 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC Number:	KH041006
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L	ocation	Code:	LF08-MW02C

Sample Number: KH30147

Sample Name: LF08-MW02C-GW-KH30147-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

ERPIMS Values: Sacode: Lot Control#:

Collection Date: 06-OCT-04

Collection Time: 09:38

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frti	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

**Comments:** 

**Sketch Location:** 

Reviewed BY / D	ate:
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## 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041005

Location Code: LF08-MW05B

Sample Number: KH30148

Sample Name: LF08-MW05B-GW-KH30148-FD

Sampling Method: BP

Sample Type: GW

Sample Purpose: FD

Task: 04200100

Collection Date: 05-OCT-04

ERPIMS Values: Sacode: Lot Control#:

Collection Time: 09:52

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

Comments:

2088ett D17 Date.	Logged BY / Date:	Reviewed BY / Date:
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## 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041005

Location Code: LF08-MW05B

Task: 04200100

Sample Number: KH30149

Collection Date: 05-OCT-04

ERPIMS Values: Sacode: Lot Control#:

Sample Name: LF08-MW05B-GW-KH30149-REG

Collection Time: 09:52

Sampling Method: BP

Start Depth:

Sample Type: GW

Sample Purpose: REG

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	$\mathbf{G}$	1	250	ML	HDPE

Comments:

**Sketch Location:** 

Reviewed BY	IL	ate:
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## 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041
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Location	Code:	LF08-MW08A

Sample Number: KH30150

Sample Name: LF08-MW08A-GW-KH30150-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 05-OCT-04

Collection Time: 13:25

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

Analytical Suite	Fit	Frtn	Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRAC	TN	Н	1	1	L	Amb. Glass

Comments:

Logged	B	7/	Dat	e:



### 829564 WPAFB

Manager: Joe Tyburski

REA	/ COC	Number:	KH041	0.05
T / Y / Y		, 1 U I I I U C I .	IXILVII	vv

Location Code: LF08-MW08B

Task: 04200100

Sample Number: KH30151

Collection Date: 05-OCT-04

Sample Name: LF08-MW08B-GW-KH30151-REG

Confection Date:

.....

Collection Time: 09:52

Sampling Method: BP

Start Depth:

Sample Type: GW

Sample Purpose: REG

End Depth:

Sample Matrix: WG

Sample Team:

Containers

ERPIMS Values: Sacode:

Lot Control#:

Analytical Suite	Flt	Frti	ı Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

Comments:

**Sketch Location:** 

Reviewed BY /	Date:
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## 829564 WPAFB

Manager: Joe Tyburski

	RFA /	COC	Number:	KH041	005
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Location Code: LF08-N	1 W 08C

Sample Number: KH30152

Sample Name: LF08-MW08C-GW-KH30152-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

ERPIMS Values: Sacode: Lot Control#:

Collection Date: 05-OCT-04

Collection Time: 15:25

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

			COIL	tatility)	1.5	
Analytical Suite	Flt	Frtr	ı Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

Comments:

**Sketch Location:** 

Reviewed BY /	' Date:	
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## 829564 WPAFB

Manager: Joe Tyburski

RFA A	COC	Number:	KH041018
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Location Code: LF08-MW09A

Task: 04200100

Sample Number: KH30153

Collection Date: 18-OCT-04

Sample Name: LF08-MW09A-GW-KH30153-REG

Collection Time: 14:37

Sampling Method: BP

Start Depth:

Sample Type: GW

End Depth:

Sample Purpose: REG

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	$\tilde{\mathbf{G}}$	1	250		HDPE

ERPIMS Values:

Sacode: Lot Control#:

Comments:

Logged BY / Date:	Reviewed BY / Date:



## 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	KH041018

Location Code:	LF08-MW09B

Sample Number: KH30154

Sample Name: LF08-MW09B-GW-KH30154-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 18-OCT-04

ERPIMS Values: Sacode: Lot Control#:

Collection Time: 09:32

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	'N	Н	1	1	L	Amb. Glass

Comments:

Logged	BY	/	Date:
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## 829564 WPAFB

Manager: Joe Tyburski

Location Code:	LF08-MW09B	
Sample Number	KH30154MS	

Sample Name: LF08-MW09B-GW-KH30154MS-MS

Sampling Method: BP

Sample Type: GW

Sample Purpose: MS

Task: 04200100

Collection Date: 18-OCT-04

Collection Time: 09:32

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values: Sacode:

Lot Control#:

Containers						
Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

**Comments:** 

Logged BY / Date:	Reviewed BY / Date:



### 829564 WPAFB

Manager: Joe Tyburski

RFA	/ COC	Number:	KH04	1018

Location	Code:	LF08-MW09B

Sample Number: KH30154MSD

N G

Sample Name: LF08-MW09B-GW-KH30154MSD-MSD

Sampling Method: BP

Sample Type: GW

Sample Purpose: MSD

Task: 04200100

Collection Date: 18-OCT-04

Collection Time: 09:32

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

**Containers Analytical Suite** Flt Frtn Qty Size Units Type VOC 3 40 ML VOA Vial NA **METALS** N B 1 L HDPE SVOC 2 N C 1 Amb. Glass PEST/PCB N D 1 Amb. Glass 1 DIOX\_FURAN 2 Amb. Glass E AMMONIA N F 1 250 ML HDPE

250

ML HDPE

ERPIMS Values: Sacode: Lot Control#:

#### **Comments:**

CYANIDE TOT

### **Sketch Location:**

Reviewed BY/	Date:
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## 829564 WPAFB

Manager: Joe Tyburski

RFA	/ COC	Number:	KH0410	004
*/ T		Rumber.	IXIIVTI	JU

Location Code:	LF08-MW101

Sample Number: KH30155

Sample Name: LF08-MW101-GW-KH30155-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: **REG** 

Task: 04200100

ERPIMS Values: Sacode: Lot Control#:

Collection Date: 04-OCT-04

Collection Time: 13:33

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

**Comments:** 

$L \epsilon$	ogged	BY	/	Date:
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## 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH(	1141	UUC
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Location Code: LF08-MW102

Sample Number: KH30156

· Sample Name: LF08-MW102-GW-KH30156-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 06-OCT-04

ERPIMS Values: Sacode: Lot Control#:

Collection Time: 11:50

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	, L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

Comments:

Logged	BY/	Date:
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### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH04100	RFA/	COC	Number:	KH04100
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Location	Code:	LF08-MW103

Sample Number: KH30157

Sample Name: LF08-MW103-GW-KH30157-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 06-OCT-04

Collection Time: 11:05

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers **Analytical Suite** Flt Frtn Qty Size

Units Type VOC N A 3 40 ML VOA Vial METALS HDPE N B 1 L SVOC N C Amb. Glass PEST/PCB 1 N D 2 Amb. Glass DIOX FURAN 1 Amb. Glass **AMMONIA** NF 1 250 ML HDPE **CYANIDE TOT** 250 . ML HDPE N G

ERPIMS Values:

Lot Control#:

Sacode:

#### Comments:

Logged	BY		Date:
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## 829564 WPAFB

Manager: Joe Tyburski

	RFA /	COC	Number:	KH041	02(
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Location Code: LF0	)8-MW10A
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Sample Number: KH30158

Sample Name: LF08-MW10A-GW-KH30158-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 20-OCT-04

ERPIMS Values: Sacode: Lot Control#:

Collection Time: 09:33

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

Comments:



### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	KH041	012

Location Code: LF08-MW10B

Sample Number: KH30159

Sample Name: LF08-MW10B-GW-KH30159-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 12-OCT-04

Collection Time: 10:32

Start Depth:

End Depth;

Sample Matrix: WG

Sample Team:

ERPIMS Values; Sacode: Lot Control#:

A T42 T-O24	T714	Б.4		taine	-	T
Analytical Suite	HIE	rru	Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	l	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

### Comments:

Logged BY / Date	Logged	BY	/ 1	Date
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### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041020

Location Code: LF08-MW10C

Sample Number: KH30160

Sample Name: LF08-MW10C-GW-KH30160-REG

Sampling Method: BP

**Analytical Suite** 

VOC

SVOC

**METALS** 

PEST/PCB

AMMONIA

Sample Type: GW

Flt Frtn Qty Size

3

2

N A

N B

N C

N D

NF

N G

Containers

40

1

1

1

250

250

Sample Purpose: REG

Units Type

ML HDPE

ML HDPE

ML VOA Vial

HDPE

Amb. Glass

Amb. Glass

Task: 04200100

Collection Date: 20-OCT-04

Collection Time: 17:07

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode: Lot Control#:

Comments:

CYANIDE TOT

Logged BY	/ 1	Date:
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### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: I	CH04	101.
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Location Code: LF08-MW11A

Sample Number: KH30161

Sample Name: LF08-MW11A-GW-KH30161-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 13-OCT-04

Collection Time: 15:17

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode: Lot Control#:

Analytical Suite	Flt	Frt		tainei Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

### Comments:



### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	KH0410	113

Location Code: LF08-MW11B

Sample Number: KH30162

Sample Name: LF08-MW11B-GW-KH30162-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 13-OCT-04

Collection Time: 10:30

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

Amaludical Cuite	1714	174	~ ~	tainei	-	Thurs.
Analytical Suite	rit	rrt.	n Qty	Size	Units	Туре
VОС	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	Ė	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

### Comments:

Logged.	BY/	Date:



### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	KH04101	3

Location Code:	LF08-MW11B

Sample Number: KH30162MS

Sample Name: LF08-MW11B-GW-KH30162MS-MS

Sampling Method: BP

Sample Type: GW

Sample Purpose: MS

Task: 04200100

Collection Date: 13-OCT-04

ERPIMS Values:

Lot Control#:

Sacode:

Collection Time: 10:30

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers Analytical Suite Flt Frtn Qty Size Units Type 3 N A 40 ML

VOC VOA Vial **METALS** N B 1 L HDPE SVOC 2 N C 1 Amb. Glass PEST/PCB 1 N D Amb. Glass DIOX FURAN 1 Amb. Glass NE AMMONIA ML HDPE NF 250 **CYANIDE TOT** 250 ML HDPE N G EXTRA EXTRACT N H 1 Amb. Glass

Comments:

Sketch Location:

Reviewed BY / Date:	
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## 829564 WPAFB

Manager: Joe Tyburski

Location Code: LF08-MW11B

Sample Number: KH30162MSD

Sample Name: LF08-MW11B-GW-KH30162MSD-MSD

Sampling Method: BP

Sample Type: GW

3 V IRIO OTOZNISE MISE

Sample Purpose: MSD

Task: 04200100

Collection Date: 13-OCT-04

Collection Time: 10:30

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values: Sacode:

Lot Control#:

Analytical Suite	Di+	E <sub>v</sub> +		tainei Size	rs Units	Type
Analytical Suite	ril	PIE	n Qty	Size	Omas	туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

### Comments:

Logged BY / Date:	Reviewed BY / Date:	



## 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041013

Location Code: LF08-MW11C

Sample Number: KH30163

Sample Name: LF08-MW11C-GW-KH30163-REG

Sampling Method: BP

Sample Type: GW

e-d w-Kilsulus-Ked

Sample Purpose: REG

Task: 04200100

Collection Date: 13-OCT-04

Collection Time: 15:42

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

			Con	taine	rs	
Analytical Suite	Flt	Frti	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

Comments:

Reviewed BY / Date
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### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041013

Location Code: LF10-MW03A

Sample Number: KH30164

Sample Name: LF10-MW03A-GW-KH30164-REG

Sampling Method: BP

Sample Type: GW

ML HDPE

Sample Purpose: REG

Task: 04200100

Collection Date: 13-OCT-04

Collection Time: 16:10

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values: Sacode: Lot Control#:

VOC 40 N A 3 ML VOA Vial **METALS** N B 1 HDPE **AMMONIA** NF 250 ML HDPE

NG

Containers

Flt Frtn Qty Size Units Type

250

Comments:

CYANIDE TOT

**Analytical Suite** 



## 829564 WPAFB

Manager: Joe Tyburski

Location Code: LF10-MW05B

Sample Number: KH30165

Sample Name: LF10-MW05B-GW-KH30165-FD

Sampling Method: BP

Sample Type: GW

Sample Purpose: FD

Task: 04200100

Collection Date: 04-OCT-04

Collection Time: 13:13

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

Analytical Suite	Flt	Frtn	Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

Cantainora

### Comments:

Logged BY / Date:	Reviewed BY / Date:
30860 21 , 2010.	



## 829564 WPAFB

Manager: Joe Tyburski

	RFA /	COC	Number:	KH0410	04
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 ${\it Location~Code:}~~ {\bf LF10\text{-}MW05B}$ 

Sample Number: KH30166

Sample Name: LF10-MW05B-GW-KH30166-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Tusk: 04200100

Collection Date: 04-OCT-04

Collection Time: 13:13

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values: Sacode:

Lot Control#:

Analytical Suite	Flt	Frtn	Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	l	1	L	Amb. Glass

### **Comments:**

**Sketch Location:** 

Reviewed BY /	Date:
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### 829564 WPAFB

Manager: Joe Tyburski

Location Code: LF10-MW05C

Sample Number: KH30167

Sample Name: LF10-MW05C-GW-KH30167-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 06-OCT-04

ERPIMS Values; Sacode; Lot Control#:

Collection Time: 09:40

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Fit	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	1	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

Comments:

**Sketch Location:** 

Reviewed BY /	Date:
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### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041011

Location Code: LF10-MW06A

Sample Number: KH30168

Sample Name: LF10-MW06A-GW-KH30168-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 11-OCT-04

Collection Time: 15:20

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

			Con	taine	rs	
Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

Comments:

Logged.	BY	/	Date:
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## 829564 WPAFB

Manager: Joe Tyburski

Location Code: LF10-MW06AD Sample Number: KH30169		COC Number: KH041012  Task: 04200100
	UP	
Sample Number: KH30169		0.71 L D 40.0000
		Collection Date: 12-OCT-04
Sample Name: LF10-MW06AD	UP-GW-KH30169-REG	Collection Time: 08:57
Sampling Method: BP		Start Depth:
Sample Type: GW	Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Contain Analytical Suite Flt Frtn Qty Size	e Units Type	ERPIMS Values: Sacode:
VOC N A 2 40	ML VOA Vial	Lot Control#:

Logged BY / Date:	Reviewed BY / Date:	
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## 829564 WPAFB

Manager: Joe Tyburski

Location Code: LF10-MW06B

Task: 04200100

Sample Number: KH30170

Collection Date: 11-OCT-04

Sample Name: LF10-MW06B-GW-KH30170-REG

Collection Time: 12:00

Sampling Method: BP

Start Depth:

Sample Type: GW

Sample Purpose: REG End Depth:

Sample Matrix: WG

Sample Team:

Containers

ERPIMS Values: Sacode: Lot Control#:

Analytical Suite	Flt	Frt		Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1.	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	Ī	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

Comments:

Logged	RY/	Date
LUYYEU	DI/	Duie.

ICCVICTICA DI / DAIC.	Reviewed	BY/	Date:
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## 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041011

Location Code: LF10-MW07A

Sample Number: KH30171

Sample Name: LF10-MW07A-GW-KH30171-FD

Sampling Method: BP

Sample Type: GW

Sample Purpose: FD

Task: 04200100

Collection Date: 11-OCT-04

Collection Time: 15:03

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

Analytical Suite	Flt	Frti		tainei Size	rs Units	Туре
VOC		A	3	40		VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	ΓN	Н	1	1	L	Amb. Glass

### Comments:

Logged	BY/	Date:
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### 829564 WPAFB

Manager: Joe Tyburski

Location Code: LF10-MW07A

Sample Number: KH30172

Sample Name: LF10-MW07A-GW-KH30172-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 11-OCT-04

Collection Time: 15:03

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#;

				-	
Flt	Frtn	Qty	Size	Units	Type
N	A	3	40	ML	VOA Vial
N	В	1	1	L	HDPE
N	С	2	1	L	Amb. Glass
N	D	2	1	L	Amb. Glass
N	E	2	1	L	Amb. Glass
N	F	1	250	ML	HDPE
N	G	1	250	ML	HDPE
ΓŅ	Н	1	1	L	Amb. Glass
	N N N N N	N A B C N D D N E N G	Flt Frtn Qty N A 3 N B 1 N C 2 N D 2 N E 2 N F 1 N G 1	Fit Frtn Qty       Size         N       A       3       40         N       B       1       1         N       C       2       1         N       D       2       1         N       E       2       1         N       F       1       250         N       G       1       250	N B I I L N C 2 I L N D 2 I L N E 2 I L N F I 250 ML N G I 250 ML

#### **Comments:**

Logged	BY/	Date:



Page I of 1

829564 - WPAFB

Manager:

Joe Tyburski

Location Code: Sample Number: Sample Name: Sampling Method: Sample Type: Sampling Equip:	KH3 LF1 BP	301′ 0-M	73			80173-REG ple Purpose: REG	Task: 04200100  Collection Date: NIA  Collection Time: NIA  Start Depth:  End Depth:  Sample Matrix: WG
tners: )		(ER	1)			(FB)	Sample Team:
Analytical Suite	Flt	Frt	Con tn Qty	taine Size		Туре	ERPIMS Values: Sacode:
VOC	N		3	40		VOA Vial	Lot Control#:
METALS	N	В	1	1	L	HDPE	
SVOC	N	C	2	1	L	Amb. Glass	<u></u>
PEST/PCB	N	D	2	1	L	Amb. Glass	er er en er en er er er er er er er er er er er er er
DIOX_FURAN	N	E	2	1	L	Amb. Glass	
AMMONIA	N	F	1	250	ML	HDPE	<del>:</del>
CYANIDE_TOT	N	G	1	250	ML	HDPE	
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass	
Groundwater Info Measured Wo Comments:		pth:	:	oll ver	D v	Depth To Water:  10+ COULC  , in baile	ted - notenough
	on:	-1-1-F					

Logged BY /	Date:
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### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: 1	KH0410	01
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Location Cod	2: LF10-MW07C
Location Coa	EFIU-IVI WOLC

Sample Number: KH30174

Sample Name: LF10-MW07C-GW-KH30174-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 11-OCT-04

Collection Time: 10:12

Start Depth:

End Depth:

Sample Matrix: WG

ERPIMS Values: Sacode: Lot Control#:

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS		В	1	1	L	HDPE
SVOC			2	1		Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE TOT	N	G	1	250	ML	HDPE

Comments:

**Sketch Location:** 



### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041013

Location Code: LF10-MW08A-2

Task: 04200100 Collection Date: 13-OCT-04

Sample Number: KH30175

Collection Time: 10:30

Sample Name: LF10-MW08A-2-GW-KH30175-REG

Sampling Method: BP

Start Depth:

Sample Type: GW

Sample Purpose: REG End Depth:

Sample Matrix: WG

ERPIMS Values: Sacode: Lot Control#;

Sample Team:

Containers

Analytical Suite	Fit	Frt		Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	i	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

Comments:

Split Sample with OEPA

**Sketch Location:** 

Reviewed BY/	Date:
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### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041018

Location Code: LF10-MW08B

Sample Number: KH30176

Sampling Method: BP

Sample Type: GW

Sample Name: LF10-MW08B-GW-KH30176-REG

Sample Purpose: REG

Task: 04200100

Collection Date: 18-OCT-04

Collection Time: 14:05

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

			Con	taine	rs	
Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	Ļ	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

Comments:

Sketch Location:

Reviewed D1 / Dai	Reviewed	BY/	Date:
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### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	KH041011
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Location Code: LF10-MW09A

Sample Number: KH30177

Sample Name: LF10-MW09A-GW-KH30177-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 11-OCT-04

ERPIMS Values: Sacode: Lot Control#:

Collection Time: 09:42

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frtr	Qty	Size	Units	Type
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	'N	Н	1	1	L	Amb. Glass

Comments:

Logged BY / Date:	Reviewed BY / Date:	



### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041011

Location Code: LF10-MW09B

Sample Number: KH30178

Sample Name: LF10-MW09B-GW-KH30178-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 11-OCT-04

Collection Time: 11:37

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

			Con	taine	rs	
Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glasś
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

Comments:

<i>Reviewed BY / Date:</i>
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### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: 1	$_{ m KH0}$	410	11
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Location Code: LF10-MW09B

Sample Number: KH30178MS

Sample Name: LF10-MW09B-GW-KH30178MS-MS

Sampling Method: BP

Sample Type: GW

Sample Purpose: MS

Task: 04200100

Collection Date: 11-OCT-04

Collection Time: 11:37

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

Analytical Suite	Flt	Frti		tainer Size	s Units	Type
VOC	N	A	3	40		VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

#### Comments:

Logged BY / Date:	Reviewed BY / Date:
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### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041011

Location Code: LF10-MW09B

Sample Number: KH30178MSD

Sample Name: LF10-MW09B-GW-KH30178MSD-MSD

Sampling Method: BP

Sample Type: GW

Sample Purpose: MSD

Task: 04200100

Collection Date: 11-OCT-04

Collection Time: 11:37

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values: Sacode:

Lot Control#:

Analytical Suite	Flt	Frt		taine Size		Туре
VOC	N	Ā	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

#### Comments:

Logged B	Y / Date:
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### 829564 WPAFB

Manager: Joe Tyburski

RFA/COC Number: KH041011

Location Code: LF10-MW09C

Sample Number: KH30179

Sample Name: LF10-MW09C-GW-KH30179-REG

Sampling Method: BP

Sample Type: GW

G !! IEEEO !! / IEEG

Sample Purpose: REG

Task: 04200100

Collection Date: 11-OCT-04

Collection Time: 14:20

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

			Con	taine	rs	
Analytical Suite	Flt	Frti	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

Cantainana

#### Comments:

**Sketch Location:** 

Reviewed BY / Date
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Page 1 of I

829564 - WPAFB

Manager:

Joe Tyburski

Location Code: Sample Number: Sample Name: Sampling Method: Sample Type: Sampling Equip:	KH3 LF1 BP	301 0-N	80				Task: 04200100  Task: 04200100  Collection Date: AAA  Collection Time: AAAA  Start Depth:  End Depth:  Sample Matrix: WG
'artners: FB)		(ER	3)			(FB)	Sample Team:
Analytical Suite VOC METALS SVOC PEST/PCB DIOX_FURAN AMMONIA CYANIDE_TOT EXTRA_EXTRACT	Flt N N N N N N N N N N N N N N N N N N N	A B C D F		tainer Size 40 1 1 1 1 250 250		Type VOA Vial HDPE Amb. Glass Amb. Glass HDPE HDPE Amb. Glass	ERPIMS Values: Sacode: Lot Control#:
Groundwater Inf Measured W Comments:	ell De	pth	•	les	Y	Depth To Water:	ed-welldry
Sketch Locati	ion:				- ,,		· · · · · · · · · · · · · · · · · · ·



### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041007

Location Code: LF10-MW103

Sample Number: KH30181

Sample Name: LF10-MW103-GW-KH30181-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 07-OCT-04

Collection Time: 08:45

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

			Con	taine	rs	
Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	1	1	L	Amb. Glass
PEST/PCB	N	D	1	1	L	Amb. Glass
DIOX_FURAN	N	E	1	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE TOT	N	G	1	250	ML	HDPE

Comments:

Reviewed I	3Y/	Date:
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Logged BY / Date:

# Sample Collection Log

Page 1 of 1

829564 - WPAFB

B) (ER) (FB) Sample Team:  Containers ERPIMS Values: Analytical Suite Flt Frtn Qty Size Units Type Sacode:  VOC N A 3 40 ML VOA Vial Lot Control#:  METALS N B I I L HDPE  SVOC N C 2 I L Amb. Glass  PEST/PCB N D 2 I L Amb. Glass  DIOX_FURAN N E 2 I L Amb. Glass  AMMONIA N F I 250 ML HDPE  CYANIDE_TOT N G I 250 ML HDPE  EXTRA_EXTRACT N H I I L Amb. Glass  Groundwater Information: Measured Well Depth: Depth To Water:  Comments: Sample Team:  ERPIMS Values:  ERPIMS Values:  ERPIMS Values:  Amb. Glass  Lot Control#:  Depth To Water:	Location Code: LF10-MW104								
Sample Number: KH30182  Sample Name: LF10-MW104-GW-KH30182-REG  Sampling Method: BP  Sampling Equip: arrivers:  B)  (ER)	Sample Number: KH30182  Sample Name: LF10-MW104-GW-KH30182-REG  Sampling Method: BP  Sampling Equip: arrivers:  B) (ER) (FB) Sample Purpose: REG  Collection Date: W/A  Sample Purpose: REG  End Depth:  Sample Matrix: WG  arrivers:  Sample Matrix: WG  Analytical Suite  Fit Frtn Qty Size Units Type  Socode:  VOC N A 3 40 ML VOA Vial  METALS N B 1 1 L HDPE  SVOC N C 2 1 L Amb. Glass  PESTFPCB N D 2 1 L Amb. Glass  ANIMONIA N F 1 250 ML HDPE  CYANIDE_TOT N G 1 256 ML HDPE  EXTRA_EXTRACT N H 1 1 L Amb. Glass  Groundwater Information:  Measured Well Depth:  Depth To Water:  Comments:  Collection Date: W/A  Collection Time: W/A  Start Depth:  End Depth:  Sample Matrix: WG  Exprise Sample Matrix: WG  Ample Matrix: WG  Exprise Sample Matrix: WG  Ample Matrix: WG  Ample Matrix: WG  Exprise Sample Matrix: WG  Ample Matrix: WG  Exprise Sample Matrix: WG  Ample Matrix: WG  Exprise Sample Matrix: WG  Ample Matrix: WG  Exprise Sample Matrix: WG  Ample Matrix: WG  Exprise Sample Team:  Exprise Sample Team:  Exprise Sample Team:  Exprise Sample Team:  Exprise Sample Team:  Exprise Sample Team:  Exprise	Logation Code	, T 1791 O	. <b>7.//</b> ₹\$7.4	0.4		RF.	A / COC Number:	IONE
Sample Name: LF10-MW104-GW-KH30182-REG  Sampling Method: BP  Sample Type: GW  Sample Purpose: REG  Sample Matrix: WG  Sampling Equip:  Tenters:  B)  (ER)  (FB)  Sample Team:  Containers  Fit Frtn Qty Size Units Type  Sizeade:  VOC  N A 3 40 ML VOA Vial METALS N B 1 1 L HDPE  SVOC N C 2 1 L Amb. Glass PEST/PCB N D 2 1 L Amb. Glass  PEST/PCB N D 2 1 L Amb. Glass  AMMONIA N F 1 250 ML HDPE  CYANIDE_TOT N G 1 250 ML HDPE  EXTRA_EXTRACT N H 1 1 L Amb. Glass  Groundwater Information:  Measured Well Depth:  Depth To Water:  Comments:  Collection Date: Collection Date:  Collection Date:  All Collection Time:  Start Depth:  Start Depth:  Start Depth:  Start Depth:  Start Depth:  Start Depth:  Start Depth:  Sample Matrix: WG  ERPIMS Values:  Sizeade:  Lot Control#:  Lot Control#:  Lot Control#:  EXPINS Values:  Sizeade:  Lot Control#:  Lot Control#:  Depth To Water:  Comments:  Comments:  Sample Matrix: WG  ERPIMS Values:  Sizeade:  Lot Control#:  Depth To Water:  Collection Time:  N/A  Start Depth:  Sample Matrix: WG  ERPIMS Values:  Sizeade:  Lot Control#:  Depth To Water:  Comments:  Collection Time:  N/A  Start Depth:  Sample Matrix: WG  ERPIMS Values:  Sample Team:  ERPIMS Values:  Sizeade:  Lot Control#:  Lot Control#:  Depth To Water:  Collection Time:  N/A  Sample Matrix: WG  ERPIMS Values:  Sample Team:  ERPIMS Values:  Sizeade:  Lot Control#:  Sample Matrix: WG  ERPIMS Values:  Sample Matrix: WG  ERPIMS Values:  Sample Matrix: WG  ERPIMS Values:  Amb. Glass  Depth To Water:  Comments:  Comments:  Collection Time:  N/A  Amb. Glass  Depth To Water:  Comments:	Sample Name: LF10-MW104-GW-KH30182-REG  Sampling Method: BP  Sample Type: GW  Sample Purpose: REG  Sample Matrix: WG  Sampling Equip:  striners:  B)  (ER)  (FB)  Sample Team:  Containers Fit Frtn Qty Size Units Type  Sample Team:  Containers Fit Frtn Qty Size Units Type  Sample Team:  Containers  Fit Frtn Qty Size Units Type  Sample Team:  Lat Controlls:  METALS  N  B  1  L  HDPE  SVOC  N  C  2  1  L  Amb. Glass  PEST/PCB  N  D  DIOX_FURAN  N  E  2  1  L  Amb. Glass  AMMONIA  N  F  1  250 ML  HDPE  CYANIDE_TOT  N  G  1  250 ML  HDPE  EXTRA_EXTRACT  N  H  1  L  Amb. Glass  Depth To Water:  Comments:  Comments:  Comments:  Comments:  Comments:  Comments:  Collection Date:  Collection Time:  Start Depth:  Start Depth:  Start Depth:  Start Depth:  Start Depth:  Start Depth:  Start Depth:  Sample Matrix: WG  ERPIMS Values:  Sample Team:  ERPIMS Values:  Sample Team:  Lat Controlls:  Sample Team:  Lat Controlls:  Sample Team:  Lat Controlls:  Sample Team:  Containers  And Molical Substance  Sample Team:  Lat Controlls:  Sample Team:  ERPIMS Values:  Sample Team:  Lat Controll				U4			Task:	04200100
Sampling Method: BP  Sample Type: GW  Sample Purpose: REG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Team:  Containers  B)  (ER)  (ER)  (EB)  (EB)  Sample Team:  Containers  Analytical Suite  Fit Frin Qty Size Units Type  Sacode:  VOC  N A 3 40 ML VOA Vial  METALS  N B 1 1 L HDPE  SVOC  N C 2 1 L Amb. Glass  PESTIPCB  N D 2 1 L Amb. Glass  DIOX_FURAN  N E 2 1 L Amb. Glass  AMMONIA  N F 1 250 ML HDPE  CYANIDE_TOT  N G 1 250 ML HDPE  EXTRA_EXTRACT  N H 1 1 L Amb. Glass  Groundwater Information:  Measured Well Depth:  Depth To Water:  Comments:  Comments:  SAMPLES  AMPLES  Start Depth:  Start Depth:  Start Depth:  Start Depth:  Start Depth:  Start Depth:  Sample Matrix: WG  End Depth:  Sample Matrix: WG  Sample Team:  Lot Controll:  Accounted Well  Lot Controll:  Depth To Water:  Comments:  Comments:  SAMPLES  AMPLE	Sampling Method: BP  Sample Type: GW  Sample Purpose: REG  Sample Depth: Sample Matrix: WG  Sample Matrix: WG  Sample Team:  Containers  Analytical Suite  Fit Frtn Qty Size Units Type  Sucode:  VOC N A 3 40 ML VOA Vial  METALS N B 1 1 L HDPE  SVOC N C 2 1 L Amb. Glass  PESTIPCB N D 2 1 L Amb. Glass  DIOX_FURAN N E 2 1 L Amb. Glass  AMMONIA N F 1 250 ML HDPE  CYANIDE_TOT N G 1 250 ML HDPE  EXTRA_EXTRACT N H I 1 L Amb. Glass  Groundwater Information:  Measured Well Depth:  Depth To Water:  Comments:  Co	-						Collection Date:	K)/A
Sample Type: GW  Sample Purpose: REG  End Depth:  Sampling Equip:  Sampling Equip:  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Team:  Containers  Fit Frtn Qty Size Units Type  Sample Team:  Controll:  METALS  N  B  1  L  HDPE  SVOC  N  C  1  L  Amb. Glass  DIOX_FURAN  N  E  1  L  Amb. Glass  DIOX_FURAN  N  E  1  L  Amb. Glass  AMMONIA  N  F  1  250  ML  HDPE  CYANIDE_TOT  N  G  1  250  ML  HDPE  EXTRA_EXTRACT  N  H  1  L  Amb. Glass   Croundwater Information:  Measured Well Depth:  Depth To Water:  Comments:  Comments:  Sample Purpose: REG  End Depth:  Sample Matrix: WG  ERPIMS Values:  Sample Team:  Lor Controll:  Matrix: WG  ERPIMS Values:  Sample Team:  Lor Controll:  Amb. Glass  DioX_FURAN  N  E  1  L  Amb. Glass  Ammonia  N  F  1  L  Amb. Glass  Ammonia  Depth To Water:  Comments:	Sample Type: GW  Sample Purpose: REG  End Depth:  Sampling Equip:  Sampling Equip:  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Team:  Containers  FIT Frtn Qty Size Units Type  Sample Team:  Controll:  METALS  N  B  1  L  HDPE  SVOC  N  C  1  L  Amb. Glass  DIOX_FURAN  N  E  1  L  Amb. Glass  AMMONIA  N  F  1  250  ML  HDPE  CYANIDE_TOT  N  C  1  L  Amb. Glass  Amb. Glass  Amb. Glass  Amb. Glass  DIOX_FURAN  N  E  1  L  Amb. Glass	-						Collection Time:	1)/A
Sampling Equip:  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Team:  Containers  Analytical Suite  Fit Frtn Qty Size  VÖC  N A 3 40 ML  VÖA Vial  METALS  N B 1 1 L HDPE  SVOC  N C 2 1 L Amb. Glass  PEST/PCB  N D 2 1 L Amb. Glass  DIOX_FURAN  N E 2 1 L Amb. Glass  DIOX_FURAN  N F 1 250 ML HDPE  CYANIDE_TOT  N G 1 250 ML HDPE  EXTRA_EXTRACT  N H 1 1 L Amb. Glass  Groundwater Information:  Measured Well Depth:  Depth To Water:  Comments:  SAMPLLS  AMMONIA  Measured Well Depth:  Depth To Water:	Sampling Equip:  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Team:  Containers  Analytical Suite  Fit Frtn Qty Size Units Type  Sacode:  VOC N A 3 40 ML VOA Vial  METALS N B 1 1 L HDPE  SVOC N C 2 1 L Amb. Glass  PEST/PCB N D 2 1 L Amb. Glass  DIOX_FURAN N E 2 1 L Amb. Glass  DIOX_FURAN N E 2 1 L Amb. Glass  AMMONIA N F 1 250 ML HDPE  CYANIDE_TOT N G 1 250 ML HDPE  EXTRA_EXTRACT N H 1 1 L Amb. Glass  Groundwater Information:  Measured Well Depth:  Depth To Water:  Comments:  Comments:  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  ERPIMS Values:  Sacode:  VOC N 2 1 L Amb. Glass  Depth To Water:  Comments:  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  ERPIMS Values:  Sacode:  VOC N 2 1 L Amb. Glass  Depth To Water:  Comments:  Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Sample Team:  ERPIMS Values:  Sacode: Sacode:  Sacode: Sacode: Sacode: Sacode: Sacode: Sacode: Sacode: Sacode:	Sampling Method:	BP					Start Depth:	/ V: /: 4:-4:
Sampling Equip:  artners:  B) (ER) (FB) Sample Matrix: WG  Containers ERPIMS Values:  Analytical Suite Flt Frtn Qty Size Units Type  Sacode:  VOC N A 3 40 ML VOA Vial Lot Control#:  METALS N B 1 1 L HDPE  SVOC N C 2 1 L Amb. Glass  PEST/PCB N D 2 1 L Amb. Glass  DIOX_FURAN N E 2 1 L Amb. Glass  AMMONIA N F 1 250 ML HDPE  CYANIDE_TOT N G 1 250 ML HDPE  EXTRA_EXTRACT N H I 1 L Amb. Glass  Groundwater Information:  Measured Well Depth: Depth To Water:  Comments: Sample Matrix: WG  Sample Matrix: WG  Sample Matrix: WG  Ample Matrix: Mg  Ample Matrix:	Sample Matrix: WG	Sample Type:	GW			Sam	ple Purpose: <b>REG</b>	End Depth:	
Theres:    B   (ER)   (FB)   Sample Team:	Tontainers:    Containers   ERPIMS Values:								WG
Analytical Suite  Flt Frtn Qty Size  Voc  N A 3 40 ML VOA Vial  METALS  N B I 1 L HDPE  SVOC  N C 2 I L Amb. Glass  DIOX_FURAN  N E 2 I L Amb. Glass  AMMONIA  N F I 250 ML HDPE  CYANIDE_TOT  N G I 250 ML HDPE  EXTRA_EXTRACT  Measured Well Depth:  Depth To Water:  Comments:  Comments:  Comments:  Comments:  Controll:  ERPIMS Values:  Sacode:  Lot Controll:  Lot Con	Containers Analytical Suite  Flt Frtn Qty Size  VOC  N A 3 40 ML VOA Vial  METALS  N B I 1 L HDPE  SVOC  N C 2 I L Amb. Glass  DIOX_FURAN  N E 2 I L Amb. Glass  AMMONIA  N F I 250 ML HDPE  CYANIDE_TOT  N G I 250 ML HDPE  EXTRA_EXTRACT  Measured Well Depth:  Depth To Water:  Comments:  Comments:  Comments:  Comments:  Comments:  Containers  ERPIMS Values:  Sucode:  Lat Controll:  Lat Controll:  Lat Controll:  Lat Controll:  Amb. Glass  DioX_FURAN		,	ED)			(ED)		
Analytical Suite  FIT Frtn Qty  Size  Units  Type  Sacode:  VOC  N A 3 40 ML VOA Vial  Lot Control#:  METALS  N B I I L HDPE  SVOC N C 2 I L Amb. Glass  PEST/PCB N D 2 I L Amb. Glass  DIOX_FURAN N E 2 I L Amb. Glass  AMMONIA N F I 250 ML HDPE  CYANIDE_TOT N G I 250 ML HDPE  EXTRA_EXTRACT N H I I L Amb. Glass   Groundwater Information:  Measured Well Depth:  Depth To Water:  Comments:  Comments:  Comments:  Comments:  Comments:  Depth To Water:	Analytical Suite  FIt Frtn Qty  Size  Units  Type  Sacode:  VOC  N A 3 40 ML VOA Viai  Lot Control#:  METALS  N B I I L HDPE  SVOC N C 2 I L Amb. Glass  PEST/PCB N D 2 I L Amb. Glass  DIOX_FURAN N E 2 I L Amb. Glass  AMMONIA N F I 250 ML HDPE  CYANIDE_TOT N G I 250 ML HDPE  EXTRA_EXTRACT N H I I L Amb. Glass   Groundwater Information:  Measured Well Depth:  Depth To Water:  Comments:  Comments:  Comments:  Comments:  Comments:  Depth To Water:	·)				**************************************	(FB)		
METALS N B I 1 L HDPE  SVOC N C 2 I L Amb. Glass  PEST/PCB N D 2 I L Amb. Glass  DIOX_FURAN N E 2 I L Amb. Glass  AMMONIA N F I 250 ML HDPE  CYANIDE_TOT N G I 250 ML HDPE  EXTRA_EXTRACT N H I I L Amb. Glass  Groundwater Information:  Measured Well Depth: Depth To Water:  Comments: Samples NOA collected well day	METALS N B I 1 L HDPE  SVOC N C 2 I L Anib. Glass  PEST/PCB N D 2 I L Amb. Glass  DIOX_FURAN N E 2 I L Amb. Glass  AMMONIA N F I 250 ML HDPE  CYANIDE_TOT N G I 250 ML HDPE  EXTRA_EXTRACT N H I I L Anib. Glass  Groundwater Information:  Measured Well Depth: Depth To Water:  Comments: Samples in A collected well day	Analytical Suite	Fit !				Type	ERPIM	
SVOC N C 2 1 L Amb. Glass  PEST/PCB N D 2 1 L Amb. Glass  DIOX_FURAN N E 2 1 L Amb. Glass  AMMONIA N F 1 250 ML HDPE  CYANIDE_TOT N G 1 250 ML HDPE  EXTRA_EXTRACT N H I 1 L Amb. Glass  Groundwater Information:  Measured Well Depth: Depth To Water:  Comments: Samples not collected well day	SVOC N C 2 1 L Amb. Glass  PEST/PCB N D 2 1 L Amb. Glass  DIOX_FURAN N E 2 1 L Amb. Glass  AMMONIA N F 1 250 ML HDPE  CYANIDE_TOT N G 1 250 ML HDPE  EXTRA_EXTRACT N H I 1 L Amb. Glass  Groundwater Information:  Measured Well Depth: Depth To Water:  Comments: Samples in Collected well day							Loi	Control#:
PEST/PCB N D 2 1 L Amb. Glass DIOX_FURAN N E 2 1 L Amb. Glass AMMONIA N F I 250 ML HDPE CYANIDE_TOT N G I 250 ML HDPE EXTRA_EXTRACT N H I 1 L Amb. Glass  Groundwater Information: Measured Well Depth: Depth To Water:  Comments: Sample ind collected well day	PEST/PCB N D 2 1 L Amb. Glass DIOX_FURAN N E 2 1 L Amb. Glass AMMONIA N F 1 250 ML HDPE CYANIDE_TOT N G 1 250 ML HDPE EXTRA_EXTRACT N H I 1 L Amb. Glass  Groundwater Information: Measured Well Depth: Depth To Water:  Comments: Sample ind collected well day	METALS	N	B I	1	L	HDPE		
DIOX_FURAN N E 2 1 L Amb. Glass  AMMONIA N F 1 250 ML HDPE  CYANIDE_TOT N G 1 250 ML HDPE  EXTRA_EXTRACT N H I 1 L Amb. Glass   Groundwater Information:  Measured Well Depth: Depth To Water:  Comments: Samples in a collected well difference of the collected of	DIOX_FURAN N E 2 1 L Amb. Glass  AMMONIA N F 1 250 ML HDPE  CYANIDE_TOT N G 1 250 ML HDPE  EXTRA_EXTRACT N H I 1 L Amb. Glass   Groundwater Information:  Measured Well Depth: Depth To Water:  Comments: Samples in A collected well day	SVOC	N	C 2	1	L	Amb. Glass	<del></del> :	
AMMONIA N F 1 250 ML HDPE  CYANIDE_TOT N G 1 250 ML HDPE  EXTRA_EXTRACT N H I 1 L Amb. Glass  Groundwater Information:  Measured Well Depth: Depth To Water:  Comments: Samples in Collected - well dry	AMMONIA N F I 250 ML HDPE  CYANIDE_TOT N G I 250 ML HDPE  EXTRA_EXTRACT N H I 1 L Amb. Glass  Groundwater Information:  Measured Well Depth: Depth To Water:  Comments: Samples in Collected - well dry	:	N	D 2	1	L	Amb. Glass		
CYANIDE_TOT N G I 250 ML HDPE  EXTRA_EXTRACT N H I 1 L Amb. Glass  Groundwater Information:  Measured Well Depth: Depth To Water:  Comments: Samples in Collicted - well dry	CYANIDE_TOT N G I 250 ML HDPE  EXTRA_EXTRACT N H I 1 L Amb. Glass  Groundwater Information:  Measured Well Depth: Depth To Water:  Comments: Samples not collicted - well dry	i							
Groundwater Information:  Measured Well Depth:  Comments: Samples not collected - well dry	Groundwater Information:  Measured Well Depth:  Comments: Samples not colleted - well dry	1	N	F 1					
Groundwater Information:  Measured Well Depth:  Depth To Water:  Comments: Samples not collected - well dry	Groundwater Information:  Measured Well Depth:  Depth To Water:  Comments: Samples not collected - well dry	!	N	G 1	250	ML			
		Groundwater Info	formati	on:		L			
	Sketch Location:	Groundwater Info Measured W	formati /ell Dep	on: th:			Depth To Water:	ted-well	dry
		Groundwater Info Measured W Comments:	formatic fell Dep	on: th:			Depth To Water:	ted-well	dry
		Groundwater Info Measured W Comments:	formatic fell Dep	on: th:			Depth To Water:	ted-well	dry
		Groundwater Info Measured W Comments:	formatic fell Dep	on: th:			Depth To Water:	ted-well	dry
		Groundwater Info Measured W Comments:	formatic fell Dep	on: th:			Depth To Water:	ted-well	dry
		Groundwater Info Measured W Comments:	formatic fell Dep	on: th:			Depth To Water:	ted-well	dry
		Groundwater Info Measured W Comments:	formatic fell Dep	on: th:			Depth To Water:	ted-well	dry
		Groundwater Info Measured W Comments:	formatic fell Dep	on: th:			Depth To Water:	ted-well	dry
		Groundwater Info Measured W Comments:	formatic fell Dep	on: th:			Depth To Water:		
		Groundwater Info Measured W Comments:	formatic fell Dep	on: th:			Depth To Water:		
		Groundwater Info Measured W Comments:	formatic fell Dep	on: th:			Depth To Water:		

Reviewed BY / Date:



### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	KH041007
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Location Code: LF10-MW105

Sample Number: KH30183

Sample Name: LF10-MW105-GW-KH30183-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 07-OCT-04

ERPIMS Values: Sacode: Lot Control#:

Collection Time: 09:47

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	1	1	L	Amb. Glass
PEST/PCB	N	D	1	I	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE

Comments:



### 829564 WPAFB

Manager: Joe Tyburski

		RFA / COC Number: KH041006
Location Code:	LF10-MW10C	Task: 04200100
Sample Number:	KH30184	Collection Date: 06-OCT-04
Sample Name:	LF10-MW10C-GW-KH30184-AB	Collection Time: 15:10
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: AB	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Fit Frtn Qty Size Units Type	ERPIMS Values: ————————————————————————————————————
VOC	N A 3 40 ML VOA Vial	Lot Control#:
Comments:		•



### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041006

Location Code: LF10-MW10C

Sample Number: KH30185

Sample Name: LF10-MW10C-GW-KH30185-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 06-OCT-04

ERPIMS Values: Sacode: Lot Control#:

Collection Time: 15:10

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers
Outy Size Units Type

Analytical Suite	Flt	Frtn	Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

Comments:

Doggen DI / Duic.	Logged	BY/	Date:
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### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041011

Location Code: LF10-MW11A

Sample Number: KH30186

Sampling Method: BP

Sample Type: GW

Sample Name: LF10-MW11A-GW-KH30186-REG

Sample Purpose: REG

Task: 04200100

Collection Date: 11-OCT-04

Collection Time: 16:10

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#;

				tainei	-	_
Analytical Suite	Flt	Frti	ı Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

#### Comments:

**Sketch Location:** 

Reviewed BY / Da	ıte:
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### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	KH041	012
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Location Code: LF10-MW11B

Sample Number: KH30187

Sample Name: LF10-MW11B-GW-KH30187-FD

Sampling Method: BP

Sample Type: GW

Sample Purpose: FD

Task: 04200100

Collection Date: 12-OCT-04

ERPIMS Values: Sacode: Lot Control#;

Collection Time: 13:47

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	C	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

Comments:

**Sketch Location:** 

Reviewed BY / Date:	
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### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: KH041012

0-MW11B

Sample Number: KH30188

Sample Name: LF10-MW11B-GW-KH30188-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200100

Collection Date: 12-OCT-04

ERPIMS Values: Sacode: Lot Control#:

Collection Time: 13:47

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Fit	Frtn		Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
METALS	N	В	1	1	L	HDPE
SVOC	N	С	2	1	L	Amb. Glass
PEST/PCB	N	D	2	1	L	Amb. Glass
DIOX_FURAN	N	E	2	1	L	Amb. Glass
AMMONIA	N	F	1	250	ML	HDPE
CYANIDE_TOT	N	G	1	250	ML	HDPE
EXTRA_EXTRACT	N	Н	1	1	L	Amb. Glass

Comments:

**Sketch Location:** 

Reviewed BY / Date:	
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### 829564 WPAFB

Manager: Joe Tyburski

			RFA / COC Number: KH041	DD4
Location Code:	FIELDOC			04200100
Sample Number:	~		Collection Date:	
Sample Name:	FIELDQC-WA-F	CH30190-TB	Collection Time:	10:50
Sampling Method:	$\mathbf{G}$		Start Depth:	
Sample Type:	WA	Sample Purpose: TB	End Depth:	
			Sample Matrix:	W
			Sample Team:	
Analytical Suite	Containe Flt Frtn Qty Size		ERPIMS	
VOC	N· a 2 40	ML VOA Vial	Lot Co	acode: ntrof#:
Comments:				



### 829564 WPAFB

Manager: Joe Tyburski

			RFA / COC Number: KH041	.005
Location Code:	FIELDQC		Task:	04200100
Sample Number:	KH30191		Collection Date:	05-OCT-04
Sample Name:	FIELDQC-WA-KH30191	-TB	Collection Time:	07:50
Sampling Method:	G		Start Depth:	
Sample Type:	WA Sample	Purpose: TB	End Depth:	
			Sample Matrix:	W
			Sample Team:	
Analytical Suite	Containers Flt Frtn Qty Size Units	Туре	ERPIMS	
VOC	N a 2 40 ML	VOA Vial		sacode: ntrol#:

Comments:

**Sketch Location:** 

Reviewed BY/	Date:	



### 829564 WPAFB

Manager: Joe Tyburski

Location Code:		/ COC Number: KH041006  Task: 04200100
Sample Number:	•	Collection Date: 06-OCT-04
-	FIELDQC-WA-KH30192-TB	Collection Time: 07:40
Sampling Method:		Start Depth:
Sample Type:	WA Sample Purpose: TB	End Depth:
		Sample Matrix: W
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Falues:
VOC	N a 2 40 ML VOA Vial	Sacode: Lot Control#:
Comments:		



### 829564 WPAFB

Manager: Joe Tyburski

REA /	COC Number	r: KH041011
IXI. \( \text{X} \)		

Location Code:	FIELDQC		Task;	04200100
Sample Number:	KH30193		Collection Date:	11-OCT-0
Sample Name:	FIELDQC	C-WA-KH30193-TB	Collection Time:	07:45
Sampling Method:	G		Start Depth:	
Sample Type:	WA	Sample Purpose: <b>TB</b>	End Depth:	
			Sample Matrix:	W
			Sample Team:	

Containers

Analytical Suite	Flt Frtn Qty Size Units Type	ERPIMS Values:
VOC	N a 2 40 ML VOA Vial	Sacode:
	TV A Z 40 IVIL VOA VIAI	Lot Control#:

Comments:



### 829564 WPAFB

Manager: Joe Tyburski

			RFA / COC Number: KH041	.013
Location Code:	FIELDQC		Task:	04200100
Sample Number:	KH30194		Collection Date:	13-OCT-04
Sample Name:	FIELDQC-WA-KH3019	4-TB	Collection Time:	07:45
Sampling Method:	G		Start Depth:	
Sample Type:	WA Sample	le Purpose: <b>TB</b>	End Depth:	
			Sample Matrix:	W
	G		Sample Team:	
Analytical Suite	0011111111	LDQC 0194 Collectio  LDQC-WA-KH30194-TB Collectio  Start  Sample Purpose: TB End  Sample  Containers  Frtn Qty Size Units Type	ERPIMS	
VOC	N a 2 40 ML	VOA Vial		Sacode: ontrolil:
			· <del></del>	

**Comments:** 



### 829564 WPAFB

Manager: Joe Tyburski

		RFA / COC Number: KH041018
Logation Code:	EIEI DOC	
Location Code:	•	Task: 04200100
Sample Number:		Collection Date: 18-OCT-0
Sample Name:	FIELDQC-WA-KH30195-TB	Collection Time: 07:40
Sampling Method:	G	Start Depth:
Sample Type:	WA Sample Purpose: TB	End Depth:
	•	Sample Matrix: W
		Sample Team:
	Containers	Pannae P. J.
Analytical Suite	Flt Frtn Qty Size Units Type	ERPIMS Falues:
VOC	N a 2 40 ML VOA Vial	Lot Control#:
Comments:	·	



### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	KH041	020
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Location Code:	FIELDQC		Task:	04200100
Sample Number:	KH30196		Collection Date:	20-OCT-0
Sample Name:	FIELDQC-	WA-KH30196-TB	Collection Time:	07:50
Sampling Method:	G		Start Depth:	
Sample Type:	WA	Sample Purpose: <b>TB</b>	End Depth:	
			Sample Matrix:	W
			Sample Team:	

Analytical Suite

Containers

Analytical Suite

Flt Frtn Qty Size Units Type

Flt Frtn Qty Size Units Type

Sacode:

Lot Control#:

**Comments:** 

**Sketch Location:** 

Logged BY / Date: Reviewed BY / Date:

OU1 Landfill Gas Monitoring Field Forms: July and September

# OU1 LANDFILL 10 LANDFILL GAS MONITORING Date:

					Dai	.e.			
	Location	Purge Start Time	Time Purged	Methane %	O2 %	LEL %	CO2 %	Pressure (H <sub>2</sub> O)	Comments
	LF10-MP014	12:59	1 min	0	11.4	0	2.7	29.1	722 011
	sustained *	77.2		_	77.7		80.5	E 7//	727-04
	LF10-MP016s	13:05	Lanin	0	5.4	0	4.6	29,1	<del>'</del>
	sustained	7.5.03	7		3.7		77.02	- 777	
	LF10-MP019 A	13:09	1-min	<u>ن</u>	/2.7	0	9.6	29./	
	sustained	74.04	7		-4.5		7+10	_L.7./	
	LF10-MP020	13:13	1-min	0	6.8	0	5.2	29.1	
	sustained	7	7		80 · O		3.4	-64.71	
	LF10-MP021	13:24	Amin	0	17.Y	•	2.0	29/	
	sustained	72.27	/- M-//		16.5		4.0	-3.5/_	
	LF10-MP023	13:27	1-min	0	10. 10	0	1, ,	221	
	sustained	13.27	_/: hour		18.4		1.	A 74/	
	LF10-MP026	13:34	1. min	6	14.5	0	٥	29.1	
		12.24	\- \\	U	7-7-13	-	0	×4-1	<b>V</b>
	sustained LF10-PT030	-255-	1	_			<del>                                     </del>		7 74 ***
1		1253	+w.y	0_	19.4	0_	_0_	24,2	7.26.04
	sustained						<u> </u>		·
◄	LF10-PT031	1527	TWIN	0	19,2	_0	0	29.1	7.26-04
	sustained	-							
1	LF10-PT035	1218	IMM	٥	14,7	0_	0_	29.2	7-20-04
-	sustained								
-	LF10-PT036	120	IMN	0	19,2	٥	0	<u> 24. L</u>	7-26-04
ļ	sustained								- 11
4	LF10-PT060	1535	1 W-J	0	14.)	O	ರ	202	7-26:09
	sustained						ļ		
1	LF10-PT065	15 ]	IWW	Ó	19.2	Q_	_0_	24.1	7-26-04
١	sustained								
	LF10-PT078	1540	(74,2	0	14.1	_0_	0	29.2	7-26 -04
	sustained								
1	LF10-PT085	1544		<b>ò</b>	19.3	<u></u>	٥	20,2	7-26-07
[	sustained								_
4	LF10-PT088	1550	IAM i	0	19.2	٥	0	24.1	7-26-04
L	sustained								
1	LF10-PT090	1554	instri	٥	(4.1	٥	0	24.1	7-26.04
-[	sustained				•				
1	LF10-PT091	1400	INN	0	92		0	2.Q.Z.	7-260-04
Ī	sustained								
Ĭ	LF10-PT093	15:1	E AM A		14.3	O	٥	29.2	7-26-04
ľ	sustained								
Ä	LF10-PT095	1515	IMM	0	14.2	_0_	O	29.2	7. 26-04
1	sustained				4.74				76-76-
A	LF10-PT100	1605	INN	0	14.3	0	O	24,2	7.26-04
1	sustained		-4-41-(1)					<del></del>	1.10.
t	LF10-GBTOS	12:55	1-min	1.8	C.4	344	108	29.1	17.27.09
t	sustained	· 3	, r-1171	, · · ·			7 3 G	7.55	T 7 7 7 7
ł	LF10-GBTON	13:46	1-min	5.5	1576	2/20	7.9	292	•
ŀ	sustained	. 4. 10	# - u - u - u	ربر	- 00-0	<del>- WU</del>		<del>~ ~</del>	1.
Ļ	* Sustained readin	ge taken 20 i	minutaa affa		. manit	idaa ar	aha sistir		

# OU1 LANDFILL 8 LANDFILL GAS MONITORING Date:

Location	Purge	Time	Methane	02	LEL	CO2	Pressure	Comments
	Start Time	Purged	%	%	%	%	(H <sub>2</sub> O)	
LF08-MP001	11:36	1-min	0	17.2	4	3.7	29.1	7-77 044
sustained * _					<del> </del>	V - 7	-	1-23-04
LF08-MP002	11:31	J-Misin	0	12.8	0	17	29.1	
sustained	1,,,,,,,			-			-	1 .
LF08-MP003	11:28	1-min	6	17.9	0	2.1	24./	
sustained	1			, ,				
LF08-MP004	11:26	1-min	0	17.6	0	0	29./	
sustained								Ψ
LF08-MP006	11:55	1-min	0	8.5	6	7.4	29.1	
sustained	T					1		
LF08-MP007	10:33	10:34	0	195	0	.3	29.1	7.27.04
sustained	ſ			-			1 1	
LF08-MP008	10:39	1-min	0	19.8	0	0	29.1	i
sustained							29.1	
LF08-MP009	10:42	/- m m	0	5.5	0	15:	2 4	1
sustained								1
LF08-MP010	10147	1- min	72.3	.5	2/00	11.6	29.1	
sustained	14:46	/- min	40-0	.6	7105	11.4	29.1	
LF08-MP011	10:50	Lomin	6	48	0	5.7	29.1	
sustained		,						
LF08-MP012	10.58	1-min	6	1.4	0	7.2	291	1
sustained			_	1				
LF08-MP013	11:01	1-min	0	14.1	0	5.8	29.1	
sustained						^		
LF08-PT003	1203	10.2	0	19.3	0	100	29.2	7-26-04
sustained							<del>                                     </del>	
F08-PT10A	11:14	1-min	۵	19:5	0	0	29.1	7.2704
sustained								
F08-PT10B	1/3/2	1-min	0	195	0	0	291	1
sustained								
F08-PT10C	11:08	Lmin	٥	19.1	0	,4	29.1	را -
sustained								~

MVOSC 1/123 /----- 0 /9.5 0 6 29.1 7.2027-04

common3/Piamondo/Ltm/Forms/FIELD/LF08

#### OU1 LANDFILL 8 LANDFILL GAS MONITORING Date:

Location	Purge	Time	Methane	02	LEL	CO2	Pressure	Comments
	Start Time	Purged	%	%	%	%	(H₂O)	
LF08-MP001	1630	11041		10,2	0	2.7	29.2	
sustained *		,						
LF08-MP002	1637	(4)8	0	19.3	0	8		
sustained					-			
LF08-MP003	16034	1035	0	10.7	0	(0.2		
sustained	4	"				T		
LF08-MP004	1632	1631	- V7	NI	NI	NY		PULLED WATER
sustained		7.5	V	7				
LF08-MP005	abandi	ened -						
sustained	_				1			
LF08-MP006	1650	1651	0	17,2	. 0	1.7		
sustained	1.4	-,						
LF08-MP007	454	1768	0	19.0	0	0.3		
sustained								PUNED WITCH
LF08-MP008	1702	1703						()
sustained	ļ ————				-			
LF08-MP009	1704	1742	/)	14.7	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	D		
sustained (V)	1774	4750	··············	— <del>114-5</del> —	10			
LF08-MP010	1708	1760	ило	2.0	300	70.1	1	,
sustained	1735	1710	34.8	1.9		10,7		
LF08-MP011	וורו	(71)-	20,0	8.4	V	10110	— <del> </del> —	
sustained						-2.,,	·	
LF08-MP012 ·	1714	しょく	Λ	19.3	0	0		
sustained					·			<del></del>
LF08-MP013	1717	1718	٥	14.2	700	(Pa 3	<del>5    </del>	<del></del>
sustained	<del></del>	1,10		. ,,,	_\$20	<del></del>	<del>'                                     </del>	
LF08-PT003	24	1675	_	175	Λ	0		
sustained	1654	1 <del>62-53</del>	<del></del>	147				
LF08-PT10A	1721	1717	0	10.2	^			
sustained	1.0			<del>-154-7</del>		-0-	1	
LF08-PT10B	1774	ነንъኆ	D	14.3		2	<del></del>	
sustained			<u>-</u>	1540		$-\alpha$	<del></del>	
LF08-PT10C	ハファフ	ודע דו	0	193	- X -	<u>\</u>		
sustained	· · · · · ·	1,00		7212		<u> </u>	<del>\</del>	
Sustained reading					اِ ؛ اِ	. <del></del>	¥	

\* Sustained readings taken 30 minutes after removing monitoring probe fittings.

LF8-MNOSC

common3/Plamondo/Llm/Forms/Field.xls/LF08

1642 1643 0 19.3 0 0 29.2

#### OU1 LANDFILL 10 LANDFILL GAS MONITORING

Date: Location Purge Time Methane 02 LEL CO2 Pressure Comments % % Start Time % % (H<sub>2</sub>O)Purged 2.6 LF10-MP014 15-20 1522 29.2 12.6 sustained ' 4.6 1525 1526 LF10-MP016 6.0 0 sustained LF10-MP018 1530 1531 13.8 Ð 7, 1 0 sustained LF10-MP019 1537 1538 6.3 11.3 0 sustained LF10-MP020 1235 1536 5.6 2 sustained LF10-MP021 1545 1546 0 19.0 0 O sustained LF10-MP023 1608 1609 16,9 0 0 1,8 sustained LF10-MP026 1616 O 18.4 D Ó sustained LF10-PT030 15/4 1515 19.3 0 O O sustained LF10-PT031 1517 1518 0 19,2 0,1 0 sustained LF10-PT035 1511 1512 19,1 0,2 2 sustained LF10-PT036 4508 1510 19.3 Ω O 0 sustained LF10-PT060 1604 18,6 011 1603 D sustained LF10-PT065 1555 1556 18,4 0.4 O sustained LF10-PT078 1740 17W1 14-9 0 0 sustained LF10-PT085 19.3 1744 1745 ٥ 0 ۵. sustained LF10-PT088 P.B 0 1247 0 0 sustained LF10-PT090 1751 1752 0 14.2 0 O sustained LF10-PT091 1735 1750 19.3 0 0 0 sustained LF10 PT093 1451 1453 sustained 0 0,2 18.5 LF10-PT095 # 1500 1502 15 0 sustained LF10-PT100 194 1860 1801 0 sustained 40.7 700 40.7 LF10-GBTOS 34.8 (CO10 sustained LF10-GBTON 1200 sustained

Sustained readings taken 30 minutes after removing monitoring probe fittings.

### **B3**

**OU1** Water Level Field Forms: July and September

### Landfills 8 and 10 Groundwater Level Log WPAFB

Sample Team:

Date: 7 28\*24 04

		PID		тос	Static Dep	th to Water			
Well No.	Log Time	Reading (ppm)	LEL (%)	Elevation (ft)	TOC (ft)	TOPG (ft)	Screended Interval (ft)	TWD (ft)	Remarks
Landfill 8	_								
LF08-MW01A	1255	0	0	905.69	9.13			42.2	7/28/04
LF08-MW01C	1,363	0	_0_	905.92	5.90	,		17.0	-{
LF08-MW02A	1317	O	D	894.07	5.09			56.0	
LF08-MW02C	1313	0	0	895.61	12.95			24.0	
LF08-MW03A	1424	d	Ø	888.38	8च.थ।			30.0	
LF08-MW03C	ነዛኔግ	Ö	Q	888.08	9.34			14.0	
LF08-MW04A	1300	0	δ	913.45	30.20	<u></u>		68.0	
LF08-MW04B	1303	0	Ò	912.76	21,81		,	39.0	
LF08-MW04C	1306	0	۵	914.02	Boro-	<b>।</b> ज.व <b>व</b>		28.0	
LF08-MW05A	1530	0	0	949.38	29.88			88.0	
LF08-MW05B	1532	0	0	949.17	19.29			53.8	
LF08-MW05C	1536	U	0	949.30	16.25			30,0	
LF08-MW06A	1325	0	0	891.30	27,28		53.5-73.8	80.0	
LF08-MW06B	1327	0	G	890.63	11,23		32.75-42.75	45.0	
LF08-MW06C	1329	0	0	891.72	DRY		7.0-12.0	14.0	
LF08-MW07A	1417	0	0	952.62	20.99			64.0	
LF08-MW07B	1418	0	0	952,56	26.90			40.0	
LF08-MW07C	1420	0	D	952.79	21,75	L.		31.0	
LF08-MW08A	1340	0	δ	878.70	3.64			36.0	
LF08-MW08B	1342	0	0	878.63	3.70	,		24.0	
LF08-MW08C	1344	0	0	877.72	3.88			14.0	
LF08-MW09A	1344	0	0	855.38	13,73		25.2-30.2	32.5	
LF08-MW09B	1347	0	0	856.01	12,97		13.67-18.67	20.5	

lha

Sample Team:

XIII.

### Landfills 8 and 10 Groundwater Level Log WPAFB

	4 4 4 64	
Date:		
Logbook #:		

Γ			DID		<b>TO</b> 0	Static Dep	th to Water				1
	Well No.	Log Time	PID Reading (ppm)	LEL (%)	TOC Elevation (ft)	TOC (ft)	TOPC (ft)	Screended Interval (ft)	TWD (ft)	Remarks	
1	_F08-MW10A	1430	$\circ$	0	911.86	23.97		53.7-63.8	66.0	$\gamma$	28
٨	_F08-MW10B	1432	ပ	٥	912.27	21,29		29.8-34.8	39.0	•	∫ ′
	_F08-MW10C	1434	O	0	911.83	27.	ORY	17.5-22.5	25.0	₹	
1	_F08-MW11A	1409	ರ	υ	934.37	11,25		,	57.0		
	LF08-MW11B	1410	0	D	934.95	10.26			44.3		
	LF08-MW11C	1412	0	0	935.18	9.31			23.9		
	_F08-MW12B	1405	0	٥	936.03	10,91			35.8		
	LF08-MW12C	1407	ں	٥	936,16	11,00			13.5		
	LF08-MW13A	1358	0	0	934.01	12.89	. 11		88.5		
	LF08-MW13B	1460	0	0	933.22	9.80			30.9		]
	LF08-MW13C	1402	0	0	933.48	1030			19.7		
	LF08-MW14B	1414	0	Ø	942.45	11.80			38.0		
	LF08-MW14C	1415	0	O	941.75	10,68			21.2		
	LF08-MW101	1550	٥	D	925.72	30.69			68.0		
	LF08-MW102	1555	0	D	933.69	36.11			73.0		
	LF08-MW103	1600	S	60	937.16	3550			68,0		
	02-DM-81S-M	1543	Ŏ	6	849.75	23.18			36,3		
	02-DM-81D-M	1540	δ	O	949.67	Z8.11			94.4		╛╽
	02-DM-82S-M	1337	٥	0	893.37	10.79			893.4		
	02-DM-83S-M	1511	0	δ	913.32	43.6	E16031		17.0	*	
	02-DM-83D-M	COU	101	JUT	GB T	AIN (	GADIN	6, LA	PEE	HURLETS MES	<u>-</u>
	02-DM-84-M	1310	0	O	914.49	19.85		,	57.8		
	02-DM-85-M	1315	0	٥	894.81	4.54			52.5		
	02-003-M	1323	_	6	850.24	3.08					

#### Sample Team:

# Landfills 8 and 10 Groundwater Level Log WPAFB

Date:	· · · · · · · · · · · · · · · · · · ·
oghook #:	

					Static Dep	h to Water			
1		PID		TOC			,		
		Reading		Elevation			Screended	i i	
Well No.	Log Time	(ppm)	LEL (%)_	(ft)	TOC (ft)	TOPC (ft)	Interval (ft)	TWD (ft)	Remarks

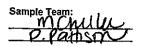
		-			<del></del>		<del>                                     </del>			
LF8 Extraction Wells		<u> </u>					1			
EW-0801				937.59				55.5		
EW-0803				936.73	_,		5.0-55.5	55.5		
EW-0805				938:64				55.5		
EW-0807				934.69	$\times$		5.0-51.5	51.5		
EW-0810	• •			930.69				55.0		
EW-0812	,			926.88	1		5,0-50.0	50.0		
EW-0816				932,99			5,0-55,0	55.0		
									-	
Landfill 10										
LF10-MW01A	0836	0	0	918.50	(4) 74 13.61	.95		106.0	7	129/04
LF10-MW01B	0838	Ö	ð	918.52	22.84			40.0		1
LF10-MW01C	0839	S	0	918.57	13,66			14.0		
LF10-MW03A	1120	0	Ò	907.49	89.68			NA		
LF10-MW04B	0939	J	6	898.86	98,48		113.65- 123.65	126.0		
LF10-MW05B	0848	0	1	858.44	19.22		27.00-34.20	37.0		
LF10-MW05C	0850	D	0	859.06	10.24		3.42-8.42	11.0		
LF10-MW06A	1117	0	0	894.62	71.95	+	74.80-84.80	87.1		
LF10-MW06A DUP	1013	U	ď	897.78	66,86			66.0		
LF10-MW06B	1110	δ	6	894.09	34.00		37.15-42.50	44.0		
LF10-MW07A	0950	0	0	897.54	50,65	 		82.0		
LF10-MW07B	0953		0	897.01	275	<u> </u>		36,0		
LF10-MW07C	0955	0	D	897.72	11.60			18.0		

### Sample Team:

# Landfills 8 and 10 Groundwater Level Log WPAFB

Date:	
Logboo	k#:

		PID		тос	Static Dept	h to Water			
Well No.	Log Time	Reading (ppm)	LEL (%)	Elevation (ft)	TOC (ft)	TOPC (ft)	Screended, Interval (ft)	TWD (ft)	Remarks
_F10-MW08A-2	0932	0	0 •	863.35	66.79		79.9-89.9	92.2	7/2
LF10-MW08B	0937	υ	0	865.09	11,29		11.5-16.5	18.66	T.
LF10-MW09A	0909	0	0	877.98	51,05		77-87	88.0	
LF10-MW09B	0911	O	0	878.21	50.00		46.4-57	60.2	
LF10-MW09C	0913	Q	0	878.17	34,35		31.05-41.10	44.17	
LF10-MW10B	०१२8	0	D	844.40	ORY			26.0	
LF10-MW10C	0930	C	か	844.19	47,85			68.0	
LF10-MW11A	095	9	0	854.20	29,96		61.7-71.7	74.0	
LF10-MW11B	09,1	J	0	854.52	28.15		30,2-40,2	43.0	
LF10-MW13A	0919	C	0	845,53	21,40			52.0	
LF10-MW13C	0921	O	٥	845.64	20.75			40.0	
LF10-MW14A	6945	6	၁	948.58	73.31			101.0	
LF10-MW102	1185	n	0	891.25	DRY			65.0	
LF10-MW103	1007	υ	0	909.65	32.13			42.0	
LF10-MW104	105	J	۵	909.40	73.10			82.0	SINT ON TIP OF
LF10-MW105	1045	0	Ò	873.02	45.34			65.0	
01-004-M	1002	0	٥	883.23	16.30		:	63.0	
01-005-M	1100	0	Ö	840.01	9.10			46.0	
01-DM101S-M	n30	U	0	914.95	36,30			51.8	
01-DM101D-M	1125	0	6	914.54	8610			85.0	
01-DM102S-M	०१२>	0	d	844.88	25.40			98.0	
01-DM102D-M	0915	0	δ	844.27	47.94			98.0	
					-				

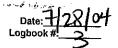


Date: 7/28/04

		PID	<del></del>	Too	Static Dep	th to Water		<del></del>		]
Well No.	Log Time	Reading (ppm)	LEL (%)	TOC Elevation (ft)	TOC (ft)	TOPC (ft)	Screended Interval (ft)	TWD (ft)	Remarks	
LF10 Extraction Wells										1
EW-1001	1123	0	36%	908.28	50.07		3.0-53.0	53.0	516025 m	916
EW-1002	MS	0	10%	921,78	44.20	Ð		53.0	011392	
EW-1003	1103	0	58%	915.81	18.23		6.0-66.0	66.0	156230	
EW-1004	1109	0	190%	923.08	57,55			63.0	F0F010	
EW-1006	1134	0	81 %	916.36	30.00	د		38.0	015051	
EW-1008	1127	0	5 22	911.05	39.10		6.0-36.0	36.0	00034 no a	P
EW-1011	1315	0	MAN OSON	909.31	56.98	<u> </u>		66,0	005608	
EW-1012	1323	, 0	27.	891.43	29.70		4.0-31.0	31.0	147867	
EW-1013	1330	0	2%	) <sub>886.21</sub>	307	1		30,0	014474	
EW-1014	13:34		2%	884,90	32,91			30,0	000064	
EW-10/5 19	1341	0_	090	907.94	338	7	6.0-62.0	62.0	998003	
EW-10/6 20	1346	0	6%	907.88	37P-C	31.96		50.5	027751	
EW-1017	1410	0	2%	901.79	46.33	)		48,0	0001566	
EW-1018	1424		O SERVICE OF THE PROPERTY OF T	901.77	28.40			37.0	009048	N
EW-1028 15	1419	D	6%	684.74	60617	<del>&gt;</del> 49.	۷ <u>\</u> 2.0-52.0	52.0	-6F1V00	
EW-1026 16	444	0	6%	868.18	42.85		4.0-35.0	35.0	800BF0	
EW-1022	1352	0	2%	871.32	39.72			65.0	245981	
EW-1024	1406		016V Sr	891.25	40.03	2	5.0-41.0	41.0	321629	
EW-1025	1602	0	40%	877.61	37.29		3.0-43.0	43.0	048337	ı
EW-1026	1356	0	2%	861.26	83.98	ً ب		85.0	992786	!

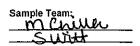
TOC = Top of Casing TOPC = Top of Protective Casing TWD = Total Well Depth

### Sample Teams Outur Ou



, i		PID		TOO	Static Dep	th to Water			
		Reading		TOC Elevation			Screended		
Well No.	Log Time	(ppm)	LEL (%)	(ft)	TOC (ft)	TOPC (ft)	Interval (ft)	TWD (ft)	Remarks

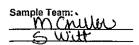
LF8 Extraction Wells										
EW-0801	1002	0.0	34%	937.59	BTO- 04 4	ን ·78		55.5	529727	īΡ
EW-0803	1013	0.0	12%	936.73	50.19	-	5.0-55.5	55.5	274805 10	心
EW-0805	1023	0.0	9%	938.54	49.9	þ		55.5	179241	12
EW-0807	1030	$\mathcal{O}$ , $\mathcal{O}$	9%	934.69	4.50	~	5.0-51,5	51.5	209892	1
EW-0810	1032	0.0	1690	930.69	48.78			55.0	8634121	₩ W
EW-0812	1042	0.0	0%	926.88	23.85		5.0-50.0	50.0	550311	
EW-0816	1047	9.0	0100°	932.99	26.69		5.0-55.0	55.0	560896 10	do
	·"									
Landfill 10							1			1
LF10-MW01A				918,50				106.0		
LF10-MW01B				918.52				40.0		
LF10-MW01C				918.57				14.0		
LF10-MW03A				907,49				NA		
LF10-MW04B				898,86			113.65- 123.65	126.0		
LF10-MW05B				858 <sub>-</sub> 44			27.00-34,20	37.0		
LF10-MW05C				859.06			3.42-8.42	11.0		
LF10-MW06A		Ü		894.62			74.80-84.80	87.1		1
LF10-MW06A DUP				897.78				66.0		1
LF10-MW06B				894.09			37.15-42.50	44.0		
LF10-MW07A				897.54			01.10-42.00	82.0		1
LF10-MW07B				897.01		•				-
F10-MW07C				897.72				36.0 18.0		1



Date: 9 | 29 | 04 .ogbook #: 3

		DID		T00	Static Dep	th to Water			
Well No.	Log Time	PID Reading (ppm)	LEL (%)	TOC Elevation (ft)	TOC (ft)	TOPC (ft)	Screended Interval (ft)	TWD (ft)	Remarks
Landfill 8									
LF08-MW01A	1110	0	0	905.69	6.31			42.2	
LF08-MW01C	1112	0	0	905.92	9.41	·		17.0	
LF08-MW02A	0959	0	0	894.07	4.90			56,0	
LF08-MW02C	0957	0	0	895,61	13.35			24.0	
LF08-MW03A	1252	0	O	888.38	16.20			30.0	
LF08-MW03C	1251	0	<b>O</b>	888.08	7.99			14.0	/
LF08-MW04A	1009	0	0	913.45	31.40			68.0	
LF08-MW04B	1010	0	0	912.76	24.51			39.0	
LF08-MW04C	1007	0_	0	914.02	22.50			28.0	
LF08-MW05A	1357	0	0	949.38	31.04	·		88.0	
LF08-MW05B	1337		0 0	949.17	19.42	21.6	DTOC	53.8	
LF08-MW05C	1355	0	O	949.30	16.38			30.0	
LF08-MW06A	1019	0	6	891.30	27.9-	7	53.5-73.8	80,0	
LF08-MW06B	1018	0	0	890.63	12.49		32.75-42.75	45.0	
LF08-MW06C	1016	0	b	DEY 891.72	B-11.1	0	7.0-12.0	14.0	
LF08-MW07A	1342	0	O	952.62	22.86	ν <u></u>		64.0	
LF08-MW07B	1341	0	0	952.56	23.5	1		40,0	
LF08-MW07C	1340	O	0	952.79	23.51	0		31.0	
LF08-MW08A	1026	0	O	878,70	4.82	<del></del>		36.0	
LF08-MW08B	1028	0	O	878.63	4.879	mo		24.0	tau
LF08-MW08C	1025	0	Ø	877.72	9.57			14.0	
LF08-MW09A	1114	0	0	855.38	13.99		25.2-30.2	32.5	
LF08-MW09B	1118	0	0	856.01	1321		13.67-18.67	20.5	

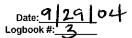
1



Date: 9/29/04 Logbook #: 3

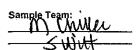
·		PID		TOC	Static Dep	th to Water			
Well No.	Log Time	Reading (ppm)	LEL (%)	Elevation (ft)	TOC (ft)	TOPC (ft)	Screended Interval (ft)	TWD (ft)	Remarks
LF08-MW10A	1304	0	0	911,86	25.11		53.7-63.8	66,0	
LF08-MW10B	1306	0	0	912.27	22.55		29.8-34.8	39.0	
LF08-MW10C	1310	0	Q	911.83	37810	.18	17.5-22.5	25.0	
LF08-MW11X 13A	1246	0	70	934.37	13.97			57.0	
	1245	0	0	934,95	11.46			44.3	
LF08-MW116 13C	1244	0	0	935.18	11.98			23.9	ivon oxide
LF08-MW12B	1240	0	0	936.03	12.41			35.8	
LF08-MW12C	1239	0	0	936.16	12.56			13.5	
LF08-MW13A UA	1337	0	0	934.01	12.41			88.5	
LF08-MW138 118	1336	0	0	933.22	11.74			30.9	Spidera babies
LF08-MW13C JI C	1334	_O_	O	933,48	10.85	· · · · · · · · · · · · · · · · · · ·		19.7	
LF08-MW14B	1231	0	0	942.45	13.00			38.0	
LF08-MW14C	1229	0	0	941.75	11.76			21.2	
LF08-MW101	149	0	0	925,72	31.90			68.0	
LF08-MW102	1413	0	Ю	933.69	36.97			73.0	
LF08-MW103	1409	0	0	937.16	36.04			68.0	
02-DM-81S-M	1400	0	0	849.75	27.01			36.3	
02-DM-81D-M	1402	0	0	949.67	29.65	•		94.4	
02-DM-82S-M	1021	Ó	O	893,37	12.07			893.4	
02-DM-83S-M	1316	0	0	913.32	18,05			17.0	
02-DM-83D-M	1317	O	0	912.56	15,12			72.7	wasp neart
02-DM-84-M	1004	0	Ŏ	914.49	20.45			57.8	1
02-DM-85-M	0959	0	0	894.81	5.12	-		52.5	
02-003-M	1014	0	0	850.24	4.25				

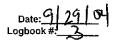
### Sample Team:



					Static Dep	th to Water			
		PID		TOC					
		Reading	!	Elevation			Screended		
Well No.	Log Time	(ppm)	LEL (%)	(ft)	TOC (ft)	TOPC (ft)	Interval (ft)	TWD (ft)	Remarks

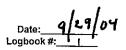
							1		QED
LF8 Extraction Wells									
EW-0801				937,59				55.5	
EW-0803				936.73			5.0-55.5	55.5	
EW-0805				938.54				55.5	
EW-0807				934.69			5.0-51.5	51.5	
EW-0810				930.69				55,0	
EW-0812				926.88			5.0-50.0	50.0	
EW-0816		· · · · · · · · · · · · · · · · · · ·	<u> </u>	932,99		,	5.0-55.0	55.0	
Landfill 10									
LF10-MW01A	1056	_0_	0	918.50	74.93			106,0	
LF10-MW01B	1058	0	0	918.52	24.4			40.0	
LF10-MW01C	1059	0	0	918.57	14.42			مهيها	15.25
LF10-MW03A				907.49				NA	
LF10-MW04B				898.86			113.65- 123.65	126.0	
LF10-MW05B	1032	0	0	858.44	19.42		27.00-34.20	37.0	
LF10-MW05C	1033	0	0	859,06	B180.3	8	3.42-8.42	11.0	
LF10-MW06A				894.62			74.80-84.80	87.1	
LF10-MW06A DUP				897.78				66.0	
LF10-MW06B				894.09			37.15-42.50	44.0	
LF10-MW07A				897.54				82.0	
LF10-MW07B				897.01				36.0	
LF10-MW07C				897.72				18.0	





					Static Dept	h to Water		T I	
Well No.	Log Time	PID Reading (ppm)	LEL (%)	TOC Elevation (ft)	TOC (ft)	TOPC (ft)	Screended Interval (ft)	TWD (ft)	Remarks
LF10-MW08A-2				863.35			79,9-89.9	92.2	
LF10-MW08B				865.09			11.5-16.5	18.66	
LF10-MW09A	1434	0	0	877.98	51.61		77-87	88.0	
LF10-MW09B	1433	0	0	878.21	50.99		46.4-57	60.2	
LF10-MW09C	1436	0	0	878.17	35.18		31.05-41.10	44.17	·
LF10-MW10B	501	O	0	844.40	26.60	?		26.0	
LF10-MW10C	1467	0	0	844.19	48,76	:		68.0	
LF10-MW11A	1444	Q	0	854.20	30.39		61.7-71.7	74.0	
LF10-MW11B	1443	O	0	854.52	28.4		30.2-40.2	43.0	
LF10-MW13A	1448	0	0	845.53	21.86			52.0	
LF10-MW13C	1447	0	0	845.64	21.16			40.0	nolock
LF10-MW14A	, .			948.58				101.0	
LF10-MW102				891.25				65.0	
LF10-MW103				909.65				42.0	
LF10-MW104	1044	0	0	909.40	69.45			71.85	water in vallet
LF10-MW105	<b>'</b>			873.02				65.0	
01-004-M				883.23				63.0	
01-005-M				840.01				46.0	
<b>Э</b> 01-DM10 <b>/</b> S-M	1453	D	0	914.95	25.41			51.8	
01-DM107D-M	1451	0	0	914.54	25.41 48.88	<u> </u>		85.0	
01-DM102S-M				844,88				98.0	
01-DM102D-M				844.27				98.0	
	·								





					Static Dep	th to Water			
		PID		TOC		-		1 [	
		Reading		Elevation			Screended		
Well No.	Log Time	(ppm)	LEL (%)	(ft)	TOC (ft)	TOPC (ft)	Interval (ft)	TWD (ft)	Remarks

I	1	1	<del></del>	<del>1</del>		<del></del>	<del></del>	<del> </del>		-
LF8 Extraction Wells		ļ <u>.</u>				<u> </u>			KOUNTER REMOUN	65)
EW-0801	1021	0	0	937.59	49.56			55.5	548394	
EW-0803	1018	0	0	936,73	44.58		5.0-55.5	55.5	286056	
EW-0805	1815	0	O	938,54	50.33			55.5	183153	
EW-0807	1011	0	0	934.69	41.63		5.0-51.5	51.5	218062	
EW-0810	1008	O	O	930,69	48.78	1		55.0	922039	
EW-0812	1001	0	0	926.88	23.85		5.0-50.0	50.0		WATE
EW-0816	0959	0	0	932.99	54.15	-	5.0-55.0	55.0	639500	
			ļ	ļ		<u> </u>				
Landfill 10										-
LF10-MW01A				918.50		l		106.0	1	
LF10-MW01B				918.52				40.0		
LF10-MW01C		 		918.57				14.0		
LF10-MW03A	1340	0	O	907.49	89.79			NA NA		
LF10-MW04B	1338	0	0	898.86	98.99		113.65- 123.65	126.0		
LF10-MW05B				858.44			27.00-34,20	37.0		
LF10-MW05C				859.06			3.42-8.42	11.0		
LF10-MW06A	1348	0	0	894.62	72,02		74.80-84.80	87.1		
LF10-MW06A DUP	1349	U	0	897.78	(d=.84	_		66.0		
<u>L</u> F10-MW06B	1350	O	G	894.09	34,45		37.15-42.50	44.0		
LF10-MW07A	1312	0	0	897.54	21.07	-		82.0		
LF10-MW07B	13/1	0	0	897.01	28.31			36.0		
LF10-MW07C	1310	O	0	897.72	14.26			18.0		
							<del></del>		<del> </del>	_

Date: 4 14 04 Logbook#: 1

					Static Dep	th to Water	T .	ŀ					
		PID Reading		TOC Elevation	`		Screended					İ	ĺ
Well No.	Log Time	(ppm)	LEL (%)	(ft)	TOC (ft)	TOPC (ft)	Interval (ft)	TWD (ft)		Remark	3		
	.256	٦	a)						NEED	S FITTI	N65		
LF10-MW08A-2	1358	0	0		67.55		79.9-89.9	92.2		disoha/			
LF10-MW08B	1400	Pump	Prince	بربر کربر <del>105.00</del>	ni FA	uen	4 1NFC	18.66	1	60ULD AT	10T	s A	JA Ti
LF10-MW09A				877.98			77-87	88.0					
LF10-MW09B				878.21	•		46.4-57	60.2					
LF10-MW09C		Ţ		878.17			31.05-41.10	44.17					
LF10-MW10B				844.40				26,0					
LF10-MW10C				844.19		<b>-</b>		68.0					
LF10-MW11A	1			854.20	<u> </u>		61.7-71.7	74.0					
LF10-MW11B				854.52			30,2-40,2	43.0					
LF10-MW13A				845.53				52.0					
LF10-MW13C				845.64				40.0					
LF10-MW14A	1390	0	0	948.58	73,47			101.0					
LF10-MW102	1347	0	0	891.25	DET			65.0					
LF10-MW103	1321	٥	٥	909.65	32,10			42.0					
LF10-MW104	1325	0	0	909.40	69.37			82.0					
LF10-MW105	1128	0	0	873.02	46.00			65.0					
01-004-M	13,60	0	O	883.23	37.18			63.0					
01-005-M	1533	0	0	840.01	4.85			46.0	ļ				
01-DM101S-M	1327	0	0	914.95	37.13			51.8					
01-DM101D-M	1329	0	0	914.54	DRY			85.0					
01-DM102S-M				844.88				98,0					
01-DM102D-M				844.27				98.0					-

Sample Team:

Date: 9 29 64 Logbook #:

					ł	Static Dept	h to Water		T		
	Well No.	Log Time	PID Reading (ppm)	LEL (%)	TOC Elevation (ft)	TOC (ft)	TOPC (ft)	Screended Interval (ft)	TWD (ft)	Remarks	
										· .	
- 4 1	LF10 Extraction Wells	3	,							(COUNTER RESADINOS)	
I RON	EW-1001	IKO	O	٥	908.28	36.40		3.0-53.0-	53.0	561103	
	EW-1002	1152	0	0	921.78	52.08			53.0	000399	
	EW-1003	1159	0	0	915.81	19,80		6.0-66.0	66.0	156746	WATER
	EW-1004	1142	b	0	923.08	57,45			63.0	010828	
	EW-1006	1145	Ó	0	916.36	30.74			38.0	015190	
NOp>	EW-1008	1147	O	ပ	911.05	ORY		6.0-36.0	36.0	000935	
	EW-1011	1117	0	_0_	909.31	58,47	-		66,0	006120	
	EW-1012	1114	0	ð	891.43	28.42		4.0-31.0	31.0	147867	
	EW-1013	1112	δ	0	886.21	31.98			30.0	015326	
	EW-1014	1110	0	0	884.90	33.84	_		30.0	000066	
	EW-1015	1040	0	Σ.0	907.94	48.49	_	6.0-62,0	62.0	006 393	
	EW-1016	1047	0	6	907.88	51,06			50.5	072121	
No >	EW-1017	1046	0	0	901.79	47,42			48.0	001566	
	EW-1018	1107	0	0	901.77	28.77			37.0	009048	
	EW-1019	1104	0	0	884.74	44.27		2.0-52.0	52.0	046755	
	EW-1020	1100	0	0	868.18	33.68		4.0-35.0	35.0	027754	
	EW-1022	1030	0	0	871.32	80.10			65.0	2.57 741	
	EW-1024	1048	0	0	891,25	39.29		5.0-41.0	41.0	337735	
	EW-1025	1050	9	0	877.61	37.62	<del></del> -	3.0-43.0	43.0	054201	
	EW-1026	1053	0	0	861,26	84.05	_		85.0	७३८५४	

TOC = Top of Casing
TOPC = Top of Protective Casing
TWD = Total Well Depth

#### Appendix C

#### **OU1** Analytical Data and Chain of Custody Records

- C1 OU1 Groundwater Analytical Data (Detects Only) July and October
- C2 OU1 Chain of Custody Records July and October
- C3 City of Fairborn Quarterly Effluent Monitoring Transmittal Letters

Please Refer to the Enclosed CD LTM Report: October 2004 Field Forms for the Chain of Custody Records and Transmittal Letters

OU1 Chain of Custody Records: July and October

#### Chain of Custody Record

STL-4124 (0901)	I maria and			Chair of Custody Number
Charlett	Project Manager	ach '	7/28 104	Chain of Custody Number 152757
Actors Actors	Telephone Number (Area	Code)/Fax Number	Lat Number	
5050 Section Are	Telephone Number (Area 513 782 L	1700   513 782	4749 330 96699	89 Page of
Norwood 5H 45212	Site Contact  MCWULL	Lab Contact D. POW	Analysis (Attach list if more space is needed)	<u> </u>
Project Name and Location (State)	Carrier/Waybill Number		स्वाहरू सम्बद्ध	Special Instructions/
Contract/Purchase Order/Quote No. OW M. BUHLEN'S p-cond	Matrix	Containers & Preservatives	[기취시:기육	Conditions of Receipt
Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Time Yet Sed.	Unpress. H2SO4 HNO3 HCI NaOH NaOH	2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
	230 X	X	X	
KQ30031 Phajet 13	rio X			
4 4	<del>*</del> X			
LASTENTRY -				
Possible Hazard Identification	Sample Dispos	\	(A lee may be	e assessed if samples are retained
□ Non-Hazerd □ Flammable □ Skin Irritani □ Poison B  Turn Around Time Required	Unknown	C Requirements (Specific	Archive For Months longer than 1	monini
24 Hours 48 Hours 7 Days 14 Days 21 Days	Other DEV DAR	<u>PP  </u>		
1. Relinquished By	1/28/04 Time	1. Received by	<b>a</b>	178/04 Time 630
2. Relinquished By	Dale 7179/04 15	m Horas	my Burns	1/29/04 7!20
3. Reimolistica By	Date Time	3. Received By	J	Date Time
Comments	<u></u>			Ž
DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays wift	the Sample: PINK - Field C	Сору		S



Reference Document No: KQ041021

Page 1 of 1

Project Number: 829564

Samples Shipment Date: 21 OCT 2004

Bill To: Greg Plamondon

Project Name: WPAFB

Lab Destination: Severn Trent Lab

5050 Section Ave Norwood OH 45212

Sample Coordinator: Marie Chiller

Lab Contact: Denise Pohl

Report To: Greg Plamondon

Turnaround Time:

Project Contact: Denise Pohl

5050 Section Ave

Carrier/Waybill No.: Relinquished to STL/ Cinci

Norwood

OH 45212

Special Instructions:			
Possible Hazard Indentification:  Non-hazard	olson B 🔲 Unknown 🔏	Sample Disposal: Return to Client Disposal by Lab Archive	(mos.)
1. Relinquished By (Signature/Affiliation)	Date: 10/21/04 Time: 1400	1. Received By (Signature/Affiliation)	Date: 10/21/04 Time: 1400
2. Relinquished By (Signature/Affiliation)	Date: 10 (24) 04 Time: 1500	2. Received By (Signature/Affiliation)	Date: 10/22/04 Time: 9:25
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:
Comments:	// <b></b>		

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty		Requested Testing Program	FII CID	QC Lvl	Condition On Receipt
KQ30033	LF8/10-EFF-EW-KQ30033-REG	21 OCT 2004	08:50	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N:</td><td>;</td><td></td></ph>	VOC by EPA 8260B with MTBE	N:	;	
KQ30033	LF8/10-EFF-EW-KQ30033-REG	21 OCT 2004	08:50	1 L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td></td><td>· . LEE THE LESS OF THE STREET</td></ph>	TAL Total Metals by EPA 200.7 /	N		· . LEE THE LESS OF THE STREET
KQ30033	LF8/10-EFF-EW-KQ30033-REG	21 OCT 2004	08:50	500 ML HDPE	1	None Required	pH by EPA 150.1, Tot Susp Solid by EPA 160.2	Ň		
K030033	1F8/10-EFF-EW-KQ30033-REG	21 OCT 2004	08:50	250 ML HDPE	1	H2SO4 <ph 2<="" td=""><td>Chemical Oxygen Demand by EPA 410.1</td><td>N</td><td>_ii_</td><td></td></ph>	Chemical Oxygen Demand by EPA 410.1	N	_ii_	
KQ30033	LF8/10-EFF-EW-KQ30033-REG	21 OCT 2004	08:50	1 L Amb. Glass	1	H2SO4 <ph 2<="" td=""><td>Oil and Grease by EPA 413.1</td><td>N</td><td>7</td><td></td></ph>	Oil and Grease by EPA 413.1	N	7	



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Project Number: 829564

Project Name: WPAFB

Sample Coordinator: Marie Chiller

Turnaround Time: NOr mal

Samples Shipment Date: 05 OCT 2004

Lab Destination: Severn Trent Lab

Lab Contact: Denise Pohl

Project Contact: Denise Pohl

Carrier/Waybill No.: Relinquished to STL/ Cinci

Bill To: Greg Plamondon

5050 Section Ave

Norwood OH 45212

Report To: Greg Plamondon

5050 Section Ave

Norwood OH 45212

Special Instructions:

Relinauished By

(Signature/Affiliation)

Possible Hazard Indentification:

Non-hazard

Skin Irritant

Date: Time:

Relinquished By (Signature/Affiliation)

3. Relinquished By

(Signature/Affiliation)

Date: \(())

Time: Date:

Time:

Sample Disposal:

Return to Client .

Disposal by Lab

Received By (Signature/Affiliation)

Received By

(Signature/Affiliation)

Received By (Signature/Affiliation)

Archive

(mos.)

Date: ( Time:

Date: Time:

Date: Time:

Comments:

> 10x = sep lot

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Oty	Preservative	Requested Testing Program	Fil CID	QC Lvi	Condition On Receipt
KF130155	LF08-MW101-GW-KH30155-REG	04 OCT 2004	. 13:33 k	ID ML VOA Vial	3 ]H	Čl<ÿH Ž`	VOC by EPA 8260B with MTBE	Ň	:	
KHั๋ฮัอโฮัร	£F08-MW101-GW-KH30165-REG	04 OCT 2004			1 H	NO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.77</td><td>Ñ</td><td>· { ·</td><td>* a TalThe document</td></ph>	TAL Total Metals by EPA 200.77	Ñ	· { ·	* a TalThe document
KH30155	LF08-MW101-ĞW-KH30155-REG	=	1			in the second second	245.1			. 1
0H30165	LF08-MW101-GW-KH30155-REG			L Amb. Glass		one except cool to 4 C		N .	· · †-	and the University of the
(H30165 7 - 11)	LF08-MW101-GW-KH30155-REG			L Āmb. Glass		one except cool to 4 C		N .	·	W Name of A Walle of Street
(H30155				L Amb. Glass		one except cool to 4 C		N	<u>ļ</u>	
	LF08-MW101-GW KH30155-REG			50 ML HDPE	1 jH	2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td>* !</td><td></td></ph>	Ammonia by EPA 350.3	N	* !	
เหลือารีร	LF08-MW101-GW-KH30155-REG	04 ÖCT 2004	13.33 2	50 ML HOPE	1 N	aÕH>pH 12	Total Cyanide by EPA 335.2	N		
KH30 i65	.LF10-MW058-GW-KH36T65-FD	04 OCT 2004		O ML VOA Vial	3 H	CI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>.  </td><td></td></ph>	VOC by EPA 8260B with MTBE	N	.	



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		-	•	•		• • • • • • • • • • • • • • • • • • • •					-
Sample No	Sample Name	Sample Date	Sample Time	Container	Ÿ	Preservative	Requested Testing Program	Fil C	ip L		Condition On Receipt
Ki430165	LF10-MW05B-GW-KH30185-FD	04 OCT 2004	13:13	LHDPE	1	HNO3 <ph 2<="" td=""><td>ITAL Total Metals by EPA 200.7 /</td><td>Ň</td><td></td><td>٠.</td><td></td></ph>	ITAL Total Metals by EPA 200.7 /	Ň		٠.	
XH30165	LF10-MW05B-GW-KH30165-FD	04 OCT 2004	j 13:13 <del>j</del> i	L Amb. Glass	2	None except cool to 4 C	245.1 SVOC by EPA 8270C			1	
Кн30165	[F10-MW058-GW-KH30165-FD	04 OCT 2004	13:13	L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	Ň			one ( = vesymals )
KH30165	LF10-MW05B-GW-KH30165-FD	TO4 OCT 2004	13:13 1	L Amb. Glass	: 2	None except cool to 4 C	Dioxins/Furans by EPA 8290	N	I. Indu	er- v	i dira tarazzenia alektroa.
KH30165	LF10-MW058-GW-KH3016S-FD	04 OCT 2004	13:13 2	SOML HOPE	: 1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td></td><td>ţ'</td><td></td></ph>	Ammonia by EPA 350.3	N		ţ'	
KH30165	LF10-MW05B-GW-KH30165-FD	04 OCT 2004	13:13 2	50 ML HOPE	71	NaOH>pH 12	Total Cyanide by EPA 335.2	Ñ		ľ	
KH30165	LF1D-MW05B-GW-KH30166-FD	04 OCT 2004	13:13	L Amb. Glass	1	None except cool to 4 C	Extra Extractable	N	: "	'   ·	· · ·
KH30166	LF10-MW05B-GW-KH30166-REG	04 OCT 2004	13:13 4	IO ML VOA Vial	3	HCI <ph 2<="" td=""><td>NOC by EPA 8260B with MTBE</td><td>i N</td><td>*****</td><td>T</td><td>.,</td></ph>	NOC by EPA 8260B with MTBE	i N	*****	T	.,
KH30166	LF10-MW05B-GW-KH30166-REG	04 OCT 2004	13:13 1	LHOPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td>*</td><td>17</td><td>•</td></ph>	TAL Total Metals by EPA 200.7 /	N	*	17	•
KH30166	***	e et ener eers. E	There is				···245.1				
	LF10-MW058-GW-40130166-REG	04 OCT 2004	سلاسين يستنق	L Amb. Glass	! 2	None except cool to 4 C	SVOC by EPA 8270C	, N		.i	, , , , , , , , , , , , , , , , , , ,
KH30166	LF10-MW058-GW-KH30166-REG	04 OCT 2004	13:13 7	L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	, N		1	
j₹ii30166	LF10-MW05B-GW-KH30166-REG	04 OCT 2004	13:13 1	L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	N	ν Ευτ. ν	· jam · ·	on the second second
RH30168	EF10-MW05B-GW-KH30166-RE0	04 OCT 2004	13.13 2	50 ML HDPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>Ň</td><td>, 4-11,</td><td>12 - 1-40.</td><td>- Garage of contrastru</td></ph>	Ammonia by EPA 350.3	Ň	, 4-11,	12 - 1-40.	- Garage of contrastru
Ki-130186	LF10-MW05B-GW-KH90166-REG	04 DCT 2004	13:13 2	50 ML HDPE	1	NaOH>pH 12	Total Cyanide by EPA 335.2	N T	f n.		or resources the second of the
КН30166	LF10-MW058-GW-KH30166-REG	04 OCT 2004	13:13 1	L Amb. Glass	1	None except cool to 4 C	Extra Extractable	N	eff i fares	aile - , ·	Property and a second of the Property of the P
KH30190	FIELDQC-WA-KH30190-TB	04 OCT 2004	10:50 4	O ML VOA Vial	2	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td><td>The second section of the second section of the second section of the second section of the second section of the second section section of the second section</td></ph>	VOC by EPA 8260B with MTBE	N			The second section of the second section of the second section of the second section of the second section of the second section section of the second section

John Mitalle 10/16/04 2:55



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Project Number: 829564

Samples Shipment Date: 06 OCT 2005

Bill To: Greg Plamondon

Project Name: WPAFB

Lab Destination: Sevem Trent Lab

5050 Section Ave Norwood

Sample Coordinator: Marie Chiller

Lab Contact: Denise Pohl

OH 45212

Turnaround Time: normal

Project Contact: Denise Pohl

Report To: Greg Plamondon

5050 Section Ave

Carrier/Waybill No.: Relinquished to STL/ Circl

Norwood OH 45212

and the second s			*** ****
Special Instructions:			
Possible Hazard Indentification:  Non-hazard Flammable Skin Irritant		Sample Disposal:  Return to Client Disposal by Lab Archive	(mos.)
1. Relinquished By (Signature/Affiliation) Mau Mulliu	Date: 10 /06/04 Time:	1. Received By (Signature/Affillation) (Signature/Affillation)	Date: 10,404 Time: 1200
2. Relinquished By (Signature/Affiliation)	Date: 10 6/05/	2. Received By (Signature/Affiliation)	Date: /c/7/04 Time: 8100
3. Relinquished By (Signature/Affiliation)  Comments:		3. Received By (Signature/Affiliation)	Date: Time:

Extra acid was added to the VOC, metals, and armovia samples of Sample number KH30138 due to me high pH (13.11) of the groundwater.

Sample No -kili381381	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil CID	QC	Condition On Receipt
KH30138	02-DM-81D-M-GW-KH30138-REG 02-DM-81D-M-GW-KH30138-REG		10.03 %	ML VOA Vial		CISPH 2	VOC by EPA 8260B with MTBE	N.	; ].	
KH30138 KH30138	02-DM-81D-M-GW-KH30138-REG	05 OCT 2004	10.03	L Amb. Glass	2 N	one except cool to 4 C	245.1 SVOC by EPA 8270C +	N.	j. j.	
) (Grisofisa ** ** ** *** (Grisofisa ** ** ** ** ** ** ** ** ** ** ** ** **	02-DM-81D-M-GW-KH30138-REG 02-DM-81D-M-GW-KH30138-REG	05 OCT 2004	16:09 1 1	Amb. Glass	2 N	one except cool to 4 C		N :	- 220	e i e egi i de va de e e escara. Fore i more i de estencio escara
KH30138	02-DM-81D-M-GW-10130138-REG	05 OCT 2004	16:09 25	OML HOPE	î î Ña	2504 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td>:</td><td>ATT OF THE STREET, SALES</td></ph>	Ammonia by EPA 350.3	N	:	ATT OF THE STREET, SALES
	02-0M-815-M-GW-KH30139-REG	05 OCT 2004	14:00 40	ML VOA Vial	3 HC	CI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N		



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Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	FII CID	QC	Condition On Receipt
KH30139	DZ-DM-81S-M-GW-KH30139-REG	05 OCT 2004	14:00	250 ML HDPE	. ;	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N VID</td><td></td><td></td></ph>	Ammonia by EPA 350.3	N VID		
KH30139	02-DM-81S-M-GW-KH30139-REG	05 OCT 2004	14:00	1 L HDPE	(: ;	1 HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N N</td><td>.е таба</td><td></td></ph>	TAL Total Metals by EPA 200.7 /	N N	.е таба	
KH30139	02-DM-81S-M-GW-KH30139-REG	05 DCT 2004	14:00	250 ML HDPE		1 NaOH>pH 12	245.1 Total Cyanide by EPA 335.2	: N	: <u>i</u> :	
KH30139	02-DM-818-M-GW-KH30139-REG	05 OCT 2004	14:00	1 L Amb. Glass	wa.;	2 None except cool to 4 C	SVOC by EPA 8270C	T-24 -T (727TEXANDER	i vanamika	eres : wasser els. Bêres (1989).
KH30139	02-DM-81S-M-GW-KH30139-REG	05 OCT 2004		1 L Amb. Glass	}-	2 None except cool to 4 C		N		
KH30139	02-DM-815-M-GW-KH30139-REG	05 OCT 2004	المحروب ومراجعا	1 L Amb. Glass	· ·	2 None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	سيرجر محجر بالإناق	w;a-	-1
KH30140	D2-DM-82-M-GW-XH30140-REG	05 OCT 2004	والمرافع والمحروف	40 ML VOA Vial	v = 70	3 HCI <ph 2<="" td=""><td>Dioxins/Furans by EPA 8290</td><td>    N  -   N                                  </td><td>. I</td><td></td></ph>	Dioxins/Furans by EPA 8290	N  -   N	. I	
Kiii30140	02-DM-82-M-GW-KH30140-REG	05 OCT 2004		L Amb. Glass		· 1	VOC by EPA 8260B with MTBE	N		
KH30140	02-DM-82-M-GW-KH30140-REG	05 OCT 2004	£			2 None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		L. Z.
i Koli30140	02-DM-82-M-GW-KH30140-REG	05 OCT 2004	i i	250 ML HOPE	tota to 7	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td>race Si</td><td>· · · · · · · · · · · · · · · · · · ·</td></ph>	Ammonia by EPA 350.3	N	race Si	· · · · · · · · · · · · · · · · · · ·
KH30140	702-DM-82-M-GW-KH30140-REG	05 OCT 2004	i-managaran	250 ML HDPE	· =.	1 NaOH>pH 12	Total Cyanide by EPA 335.2	N		METALLICIE P. Cr. 1.
KH30140	02-DM-82-M-GW-KH30140-REG		-	L Amb. Glass	1 B. 21 W	2 None except cop! to 4 C	Dioxins/Furans by EPA 8290	N		El., malares / tum July, jed <u>nom</u>
10130140	02-DM-82-M-GW-KH30140-REG	05 OCT 2004	the same of the same of	L Amb. Glass	1	2 None except cool to 4 C	SVOC by EPA 8270C	N	<del></del>	
	UZ-DM-6Z-M-GW-KH3U14U-REG	05 OCT 2004	10:17	LHDPE		1 HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7/</td><td>N</td><td>ייישלטיינט די ו</td><td></td></ph>	TAL Total Metals by EPA 200.7/	N	ייישלטיינט די ו	
KH30148	)JF08-MW02A-GW-KH30146-REG	05 OCT 2004	14:10 1	L Amb. Glass		2 None except cool to 4 C	245.1	ساسه بنستان		
KH30148	LF08-MW02A-GW-KH30146-REG	05 OCT 2004	مثمر عربيد _ بعد	50 ML HDPE		BANK C. MANUFACTOR OF THE CO.	Dioxins/Furans by EPA 8280	N :	n.v-ravie v	1
KH30146	LF08-MW02A-GW-KH30146-REG	05 OCT 2004		50 ML HDPE	e . }	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N 7</td><td>1</td><td>, , , , , , , , , , , , , , , , , , , ,</td></ph>	Ammonia by EPA 350.3	N 7	1	, , , , , , , , , , , , , , , , , , , ,
KH30146	LF08-MW02A-GW-KH30146-REG	05 OCT 2004	كاس بالمحادية		٠.	NaOH>pH 12	Total Cyanide by EPA 335.2	N		.E. 401e.
KH30146	LF08-MW02A-GW-KH30146-REG	05 OCT 2004	WHALLE , CAPE AND	L Amb. Glass	. ز.	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		
KH30146	LF08-MW02A-GW-KH30146-REG	05 OCT 2004	The Mark to the	L Amb. Glass	, ;	None except cool to 4 C	SVOC by EPA 8270C	N T	. 70.00	# 47.77 <u></u>
	CT CO-MARCE	[ 05 0 07 2004 ]	14:10 1	LHOPE	:	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td>Personal prisons.</td><td>the Western A. St. Character S.</td></ph>	TAL Total Metals by EPA 200.7 /	N	Personal prisons.	the Western A. St. Character S.
KI130146	LF08-MW02A-GW-KH30146-REG	05 OCT 2004	14:10 4	0 ML VOA Vial	٠.;	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td></td><td></td><td>· — 4 — · — · · · · · · · · · · · · · ·</td></ph>	VOC by EPA 8260B with MTBE			· — 4 — · — · · · · · · · · · · · · · ·
KH30148	LF08-MW058-GW-KH30148-FD	05 OCT 2004		ML VOA Vial		HCI <ph 2<="" td=""><td></td><td>N Juga andria</td><td>us design</td><td></td></ph>		N Juga andria	us design	
KH30148	LF08-MW058-GW-KH30148-FD	water or annual		L HDPE		HNO3 <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td></td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE			
······			09.52		, !	INUSSPI 2	TAL Total Metals by EPA 200.7 / 245.1	N	_ i	
KH30148	LF08-MW05B-GW-KH30148-FD	05 OCT 2004	09:52 1	L Amb. Glass	; 2	None except cool to 4 C	SVOC by EPA 8270C	'N'		
(H30148	LF08-MW05B-GW-KH30148-FD	05 OCT 2004	09:52 1	L Amb. Glass	1 2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082		207.2 Ý22. ,	
CH30148	F08-MW058-GW-KH30148-FD	1 05 OCT 2004 T	09:52 1	L Amb. Glass	. 2	None except cool to 4 C	Dioxins/Furans by EPA 8290	er segrett mannarye.	SECURE LIESTON	Expension of the Principle of the Period States
(H30148	LF08-MW05B-GW-KH30148-FD		I .	ML HDPE	: 1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>: N : : : : : :</td><td>F/E</td><td>distance</td></ph>	Ammonia by EPA 350.3	: N : : : : : :	F/E	distance
(H30148	LF08-MW058-GW-KH30148-FD	- Proceeding to the trace of t		O ML HOPE	. 1	NaOH>pH 12	Total Cyanide by EPA 335.2	1N	a 2- \$- 1.	
<b>(H30149 ": 1"</b> ":	LF08-MW058-GW-RH30149-REG	h-a-mar- +		ML VOA Viai	٠٠٠٠.	HČÍ SPH Ž		. N 	<u>-</u>	American in the case of the ca
H30149	LF08-MW05B-GW-KH30149-REG	<b></b>	09:52 1		ंक	and to the second particles are the second and the second	VOC by EPA 8260B with MTBE	N Hamis	LAMES OUT THE	
		.1		LIDEC	: '	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td>l</td><td></td></ph>	TAL Total Metals by EPA 200.7 /	N	l	
H30149	1.F08-MW05B-GW-KH30149-REG	05 OCT 2004	09:52   <del>1</del> 1	L Amb. Glass	; ž	None except coof to 4 C	SVOC by EPA 8270C			. T
H30149	LF08-MW058-GW-KH30149-REG	and the second artists of the second and	C	L Amb. Glass	2	LTI	PEST/PCB by EPA 8081A / 8082	andri i amerika i		NAME OF THE PARTY
H30149 T	LF08-MW058-GW-KH30149-REG	05 OCT 2004			, ,		Dioxins/Furans by EPA 8290	JV Mariantan		il Nama a se a numbera ani i
~~.·.	tradition of the production of the part of the production of the second section of the second of the					CAOOPE COOL ID 4 O	COMBUTURES BY EFA 0250	, N		



Reference Document No: KH041005

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Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Fil CID	QC	Condition On Receipt
,KF30149	LF08-MW058-GW-KH30149-REG	05 OCT 2004	09:52	250 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N'</td><td></td><td></td></ph>	Ammonia by EPA 350.3	N'		
KH30149	LF08-MW05B-GW-KH30149-REG	05 OCT 2004	.i	250 ML HDPE	1 NaOH>pH 12	Total Cyanide by EPA 335.2		i vranku i vi	an e "cara rene—«" <del>e Ambia</del> n
KH30150	LF08-MW08A-GW-KH30150-REG	05 OCT 2004	ATTENDED TO SERVE	40 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N N</td><td></td><td>CONTRACT LINES VALUE OF</td></ph>	VOC by EPA 8260B with MTBE	N N		CONTRACT LINES VALUE OF
KH30150	LF08-MW08A-GW-KH30150-REG	05 OCT 2004	13:25	1 L HDPE	1 HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>ليستناس المستا</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 /	ليستناس المستا		
KH30160	Tego transa our materials		1 > 1			<sup>-1</sup> 245.1	N;	<u></u>	···· ·
kili30150	LF08-MW08A-GW-KH30150-REG	05 OCT 2004	,l.	1 L Amb. Glass	2 None except cool to 4 C	SVOC by EPA 8270C	N:	<u>.</u>	
KH30150	LF08-MW08A-GW-KH3015D-REG	05 OCT 2004	13:25	L Amb. Glass	2 None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	Ni		Secretary of the contract of the second
KH30150	LF08-MW08A-GW-KH30150-REG	05 OCT 2004	·	I L Amb. Glass	2 None except cool to 4 C	Dioxins/Furans by EPA 8290	N.	74.74 - o	
KH30150	LF08-MW08A-GW-KH30150-REG	05 OCT 2004	13:25	250 ML HOPE	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>- N</td><td></td><td>The second second</td></ph>	Ammonia by EPA 350.3	- N		The second second
	LF08-MW08A-GW-KH30150-REG	05 OCT 2004	13:25	250 ML HOPE	1 NaOH>pH 12	Total Cyanide by EPA 335.2	N		er war en en en en en en en en en en en en en
KH30150	LF08-MW08A-GW-KH30150-REG	05 OCT 2004	J	L Amb. Glass	1 None except cool to 4 C	Extra Extractable	IN.	~-1.	ບ.ຄ
KH30151	LF08-MW08B-GW-KH30151-REG	0\$ OCT 2004	09:52	IO ML VOA VIII	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>}</td><td>es</td></ph>	VOC by EPA 8260B with MTBE	N	}	es
(H30151	LF08-MW088-GW-KI-30151-REG	05 OCT 2004	09:52	TL'HDPE	1 HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 /	N		
KH30751	LF08-MW08B-GW-KH30151-REG	05 OCT 2004	i no es la	L Amb. Glass	Louis de la companya	245.1		}.	
KH30151	LF08-MW088-GW-KH30151-REG	05 OCT 2004		L'Amb. Glass	2 None except cool to 4 C	SVOC by EPA 8270C	N		
(H30151 **********	LF08-MW08B-GW-RH30151-REG	05 OCT 2004	<u>.                                    </u>	L Amb. Glass	2 None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N.		
#30151	LF08-MW088-GW-KH30151-REG	 	tarrasi menda.		2 None except cool to 4 C	Dioxins/Furans by EPA 8290	N	!	
(H30151	LF08-MW088-GW-KH30151-REG		L.	50 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td>į</td><td>THE PERSON OF THE PERSON OF</td></ph>	Ammonia by EPA 350.3	N	į	THE PERSON OF THE PERSON OF
ดีเรือีกรำ	LF08-MW08B-GW-KH30151-REG			50 ML HDPE	1 NaOH>pH 12	Total Cyanide by EPA 335.2	N		
0H30152	LF08-MW08C-GW-KH30152-REG	05 OCT 2004	رفور والمعد	L Amb. Glass	1 None except cool to 4 C	Extra Extractable	N: 1		re
0H30162	LF08-MW08C-GW-KH30152-REG	05 OCT 2004	بأنسيم تسمير	0 ML VOA Viat	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N		
	,		15:25 1	LHDPE	1 HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N :</td><td></td><td>- 11" - H, FTANAMA</td></ph>	TAL Total Metals by EPA 200.7 /	N :		- 11" - H, FTANAMA
H30152	LF08-MW08C-GW-KH30152-REG	05 OCT 2004	15:25 ji	L Amb. Glass	2 None except cool to 4 C	SVOC by EPA 8270C	N.		
H30152 ***	LF08-MW08C-GW-KH30152-REG	05 OCT 2004	الأحاطين مكت	L Amb. Glass	2 None except cool to 4 C	PEST/PCB by EPA 8081A / 8082		a delen	معتصفر دانید از ۱۵ ۱۸ ۲۰۰۰ د ۱۸
H30152	1F08-MW08C-GW-KH00152-REG	T 05 0CT 2004	15:25 1	L Amb. Glass	2 None except cool to 4 C	Dioxins/Furans by EPA 8290	N	e edaemi	CTROTHE * - PURLIMENT.
H30152	LF08-MW08C-GW-KH30152-REG	05 OCT 2004	المراج معمد عوا	50 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>TN -</td><td>. <del></del> .</td><td>. TOTAL 1 . TEMPER 2007 ( 12.2</td></ph>	Ammonia by EPA 350.3	TN -	. <del></del> .	. TOTAL 1 . TEMPER 2007 ( 12.2
H30152	LF08-MW08C-GW-KH30152-REG	05 OCT 2004		50 ML HDPE	1 NaOH>pH 12	Total Cyanide by EPA 335.2	NAMES OF TAXABLE PARTY.	-	**. Law order St
H30152	LF08-MW08C-GW-KH30152-REG		BLATICATE !	L Amb. Glass	1 None except cool to 4 C	Extra Extractable	N	majar.	Tamara - 1 - 1 - Camara - 1
H30191	FIELDQC-WA-KH30191-TB			ML VOA Vial	2 HCI <ph 2<="" td=""><td>2001.01.00.00</td><td>N .</td><td>. 2001-70-2</td><td>TAL TO THE REST OF A COMMAND AND ADDRESS.</td></ph>	2001.01.00.00	N .	. 2001-70-2	TAL TO THE REST OF A COMMAND AND ADDRESS.
·	رز از ر <u>ا در در در در در در در در در در در در در </u>	المستار سيار	- X PL	A SAIR A AND AND AND AND AND AND AND AND AND A	e nuispin z	MOC by EPA 8260B with MTBE	ĮN,	į	



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Project Number: 829564

Project Name: WPAFB

Samples Shipment Date: 07 OCT 2004

Bill To: Greg Plamondon

5050 Section Ave

Norwood

OH 45212

Sample Coordinator: Marie Chiller

Lab Contact: Denise Pohl Project Contact: Denise Pohl

Lab Destination: Severn Trent Lab

Report To: Greg Plamondon

5050 Section Ave

**Turnaround Time:** 

normal

Carrier/Waybill No.: Relinquished to STL/ Cinci

Norwood

OH 45212

Special Instructions:			
Possible Hazard Indentification:  Non-hazard		Sample Disposal:  Return to Client Disposal by Lab Archive	(mos.)
1. Relinquished By Mul (Mull) (Signature/Affiliation)	Date: (0 / 0 7 / 0 / Time: / / / 5	1. Received By (Signature/Affiliation)	Date: /0/47/64 Time: ///5
2. Relinquished By (Signature/Affiliation)	Date: /0/07/04 Time: /407	2. Received By Market (Signature/Affiliation)	Date: 10/8/04 Time: 8:15
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:
Comments:			

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Reque <b>sted Te</b> sting Program	FII	CID	QC Lvi	Condition On Receipt	
<del>10130147</del>	LF08-MW02C-GW-RH30147-REG	08 OCT 2004		40 ML VOA Vial	3	HCKpH 2	VOC by EPA 8260B with MTBE	N.	t			
KH30147	1F08-MW02C-GW-KH30147-REG	06 OCT 2004	09:38	1 L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>N</td><td>1</td><td></td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 / 245.1	N	1			
KH30147	LF08-MW02C-GW-KH30147-REG	06 OCT 2004	09:38	L Amb. Glass	2	None except coul to 4 C	PEST/PCB by EPA 8081A / 8082	Ni∷	:	. 1		
KH30147	LF08-MW02C GW-RI HATTAREG	06 OCT 2004	09:38	L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N.	, , , ,		<u>. ۱ که هم ۱۳۵۰ کی شده استا</u> مه و ۱۰	""
KH30147	LF08-MW02C-GW-KH30147-REG	06 OCT 2004	09:38	250 ML HOPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td>/ETT F4</td><td></td><td></td><td>1</td></ph>	Ammonia by EPA 350.3	N	/ETT F4			1
KH30147	1F08-MW02C-GW-KH30147-REG	06 OCT 2004	09:38	L Amb. Glass	"T	None except cool to 4 C	Extra Extractable	N,	· · · · · · · · · · · · · · · · · · ·	moranj.	~~~	
KH30147	LF08-MW02C-GW-KH30147-REG	06 OCT 2004	09:38	250 ML HDPE	1	NaOH>pH 12	Total Cyanide by EPA 335.2	N.	- 12			
CH30147	) F08-MW02C-GW-KH30147-REG	06 OCT 2004	09:38	I L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	N	į	~ -ule		



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Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil CID	QC Lvi	Condition On Receipt
KH30156	LF08-MW102-GW-KH30158-REG	06 OCT 2004	11:50	1 L Amb. Glass	12	None except cool to 4 C	Dioxins/Furans by EPA 8290	- N	) <u>-</u> -	— · · · · · · · · · · · · · · · · · · ·
(H30156	LF08-MW102-GW-KH30156-REG	06 OCT 2004	11:50	250 ML HDPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td></td><td></td></ph>	Ammonia by EPA 350.3	N		
0130156	LF08-MW102-GW-KH30156-REG	06 OCT 2004	7.0	250 ML HDPE	1	NaOH>pH 12	Total Cyanide by EPA 335.2	N		
0H30156	LF08-MW102-GW-KH30156-REG	06 OCT 2004	11:50	i L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N	<del></del>	* national and a Fritzen
CH30156	LF08-MW102-GW-KH30156-REG	06 OCT 2004	11:50	1 L Amb. Glass		None except cool to 4 C	SVOC by EPA 8270C	N		1124\$ - 1 <sup>-2</sup> - 1-2 - 1-
KH30156	LF08-MW102-GW-KH30156-REG	06 OCT 2004	11:50	1 L HDPE		HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td></td><td><u> </u></td></ph>	TAL Total Metals by EPA 200.7 /	N		<u> </u>
OH30156	LF08-MW102-GW-KH30156-REG	D6 OCT 2004	J 11:50 l	40 ML VOA Vial	1 3	HCI <ph 2<="" td=""><td>7245.1 VOC by EPA 8260B with MTBE</td><td></td><td></td><td></td></ph>	7245.1 VOC by EPA 8260B with MTBE			
GH30157	LF08-MW103-GW-KH30157-REG	06 OCT 2004		40 ML VOA Vial		HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N .</td><td><u></u></td><td></td></ph>	VOC by EPA 8260B with MTBE	N .	<u></u>	
JH30167	LF08-MW103-GW-KH30157-RE6	06 OCT 2004		1 L Amb. Glass		None except cool to 4 C	Dioxins/Furans by EPA 8290	N		
H30157	LF08-MW103-GW-KH30157-REG	06 OCT 2004		250 ML HDPE		NaOH>pH 12	<u> </u>	N		* ***
(H301\$7	LF08-MW103-GW-KH30157-REG	06 OCT 2004		1 L Amb. Glass			Total Cyanide by EPA 335.2	N	, <u>,</u>	
H30157	LF08-MW103-GW-KH30157-REG	06 OCT 2004	· Lumanaman .	H		None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N	ļ., ļ.	Programme as a second in the program.
H30157	LF08-MW103-GW-KH30157-REG	08 OCT 2004	!	1 L Amb. Glass	رون وا <del>سم</del>	None except cool to 4 C	SVOC by EPA 8270C	N		
		00 001 2004	11:05	1 L HDPE	17	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>N</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 / 245.1	N		
H30157	LF08-MW103-GW-KH30157-REG	06 OCT 2004	11:05	250 ML HDPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>- N:</td><td></td><td>· · · ·</td></ph>	Ammonia by EPA 350.3	- N:		· · · ·
H30167	LF10-MW05C-GW-KH30187-REG	06 OCT 2004	09:40	L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N		
1130167	LF10-MW05C-GW-KH30187-REG	06 OCT 2004	09:40	LHDPE		HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7/</td><td>N</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7/	N		
1430167	LF10-MW05C-GW-KH30167-REG	05 OCT 2004	09:40 k	0 ML VOA Vial	13	HCI <ph 2<="" td=""><td>"245.1 NOC by EPA 8260B with MTBE</td><td></td><td></td><td></td></ph>	"245.1 NOC by EPA 8260B with MTBE			
H30167	LF10-MW05C-GW-KH30167-REG	08 OCT 2004	lancarion and a	L Amb. Glass	usbwer:	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N .		e or compared to the ex-
H30167	LF10-MW05C-GW-KH30167-REG	06 OCT 2004		250 ML HDPE		H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td></td><td></td></ph>	Ammonia by EPA 350.3	N		
H30167	LF10-MW05C-GW-XH30167-REG	06 OCT 2004	\$- <del></del>	L Amb. Glass	╁.		1	N		
H30167	LF10-MW05C-GW-KH30167-REG	08 OCT 2004	<del></del>	50 ML HOPE	4	None except cool to 4 C	Dioxins/Furans by EPA 8290	N		
H30184	LF10-MW10C-GW-KH30184-AB	06 OCT 2004				NaOH>pH 12	Total Cyanide by EPA 335.2	N i		
H30185	LF10-MW10C-GW-KH30185-REG	06 OCT 2004	L	0 ML VOA Vial		HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N		
H30185	LF10-MW10C-GW-KH30185-REG	_{		50 ML HDPE		NaOH>pH 12	Total Cyanide by EPA 335.2	N		## 27 21111 - ERITO
H30185	<u> </u>	06 OCT 2004	L L.	L Amb. Glass		None except cool to 4 C	Dioxins/Furans by EPA 8290	N <sub>i</sub>		n_h,
H30185	LF10-MW10C-GW-KH30185-REG	06 OCT 2004		50 ML HDPE		H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td></td><td>· <del>************************************</del></td></ph>	Ammonia by EPA 350.3	N		· <del>************************************</del>
#30185 #30185	LF10-MW10C-GW-KH30185-REG	06 OCT 2004		L Amb. Glass		None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		# 5 * - 12 <del>- 12 12 12 12 1</del> 2 12 12 12 12 12 12 12 12 12 12 12 12 12
	LF10-MW10C-GW-KH30185-REG	06 OCT 2004		L Amb. Glass	1	None except cool to 4 C	Extra Extractable	N.		
130185	LF10-MW10C-GW-KH30185-REG	06 OCT 2004		0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N.</td><td></td><td>and the second of the second</td></ph>	VOC by EPA 8260B with MTBE	N.		and the second of the second
130185	LF10-MW10C-GW-KH30TRS-RCC	06 001 2004	15:10	L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N	<del></del>	
130185	LF10-MW10C-GW-KH30185-REG	08 OCT 2004	15:10 1	LHOPE	1	HNO3 <ph 2<="" td=""><td>ITAL Total Metals by EPA 200.7 /</td><td>N</td><td> </td><td>nd mineraporario (i.e.).</td></ph>	ITAL Total Metals by EPA 200.7 /	N	 	nd mineraporario (i.e.).
130192	FIELDQC-WA-KH30192-TB	06 QCT 2004	07:40 4	0 ML VÕA Vial	7 2	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>7</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	7	



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Project Number: 829564

Project Name: WPAFB

Sample Coordinator: Marie Chiller

Turnaround Time:

Samples Shipment Date: 08 OCT 2004

Time:

Time:

Date:

Time:

Date: 10

Lab Destination: Severn Trent Lab

Lab Contact: Denise Pohl

Project Contact: Denise Pohl

Carrier/Waybill No.: Relinquished to STL/ Cinci

Bill To: Greg Plamondon

5050 Section Ave

Norwood

Report To: Greg Plamondon

5050 Section Ave

Norwood

Special Instructions:

Possible Hazard Indentification:

Non-hazard Flammable Date: /b/b9/0

 1. Relinquished/By (Signature/Affiliation)

2. Relinguished By (Signature/Affiliation)

3. Relinquished By

(Signature/Affiliation)

Sample Disposal:

Return to Client

Received By

Received By

(Signature/Affiliation)

3. Received B

(Signature/Affiliation)

**Archive** (mos.)

OH 45212

OH 45212

Date: i 🔿

Time: (

Date: Time:

Comments:

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	QC Lvi	Condition On Receipt	
KH30767 KH30787	LF10-MW103-GW-KH30181-REG	07 OCT 2004		O ML VOA Vial L'HDPÉ	1	iCi <ph 2<br="">INO3<ph 2<="" td=""><td>VOC by EPA 82608 with MTBE TAL Total Metals by EPA 200.7 / 245.1</td><td>N</td><td></td><td></td><td></td><td></td></ph></ph>	VOC by EPA 82608 with MTBE TAL Total Metals by EPA 200.7 / 245.1	N				
KH301B1	LF10-MW103-GW-KH30181-REG	•	. ,	L Amb. Glass L Amb. Glass		None except cool to 4 C	SVOC by EPA 8270C PEST/PCB by EPA 8081A / 8082	N N				41 ("man 1
KH30181	LF10-MW103-GW-KH30181-REG	07 OCT 2004	08:45	L Amb. Glass 50 ML HDPE	1	None except cool to 4 C 12SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>Ñ</td><td> </td><td></td><td>the designation and the state of the state o</td><td>3 (e) 24 3(% - f)</td></ph>	Ammonia by EPA 350.3	Ñ	 		the designation and the state of the state o	3 (e) 24 3(% - f)
KH30181 KH30183	LF10-MW103-GW-KH30181-REQ LF10-MW105-GW-KH30183-REG			50 ML HDPE O ML VOA VIAI		VaOH>pH 12 TCI <ph 2<="" td=""><td>Total Cyanide by EPA 335.2  VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td><td>_ 52, at</td><td></td></ph>	Total Cyanide by EPA 335.2  VOC by EPA 8260B with MTBE	N			_ 52, at	
Annual Contraction of the	erset to the second of the second											



Reference Document No: KH041007

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Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil CID	QC Lvi	Condition On Receipt
KH30183	LF10-MW105-GW-KH30183-REG	07 OCT 2004	09:47	1 L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>N:</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 / 245.1	N:		
KH30183	LF10-MW105-GW-KH30183-REG	07 OCT 2004	09:47	1 L Amb. Glass	į 1	None except cool to 4 C	SVOC by EPA 8270C	N:		
KH30183	LF10-MW105-GW-KH30183-REG	07 OCT 2004	09:47	1 L Amb. Glass	1	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		THE PERSON NAMED IN COLUMN
KH30183	LF10-MW105-GW-KH30183-REG			250 ML HDPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td></td><td>The second second section of the second section of the second second second section section section second second section second section second second section second seco</td></ph>	Ammonia by EPA 350.3	N		The second second section of the second section of the second second second section section section second second section second section second second section second seco
KH30183	LF10-WW105-GW-KH30183-REG	07 OCT 2004	09:47	250 ML HDPE	17	NaOH>pH 12	Total Cyanide by EPA 335.2	N:		

Rich by Anni Sandus

10 9 04 955 Am



Reference Document No: KH041011

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Project Number: 829564

Samples Shipment Date: 12 OCT 2004

Bill To: Greg Plamondon

Project Name: WPAFB

Lab Destination: Severn Trent Lab

5050 Section Ave

5050 Section Ave

Sample Coordinator: Marie Chiller

Norwood

Turnaround Time: normal

Lab Contact: Denise Pohl

Report To: Greg Plamondon

OH 45212

Project Contact: Denise Pohl

Carrier/Waybill No.: Relinquished to STL/ Cincl

Norwood

OH 45212

Special Instructions:			A STATE OF THE STA
Possible Hazard Indentification:  Non-hazard Hammable Skin Irritant	Poison B Unknown	Sample Disposal: Return to Client Disposal by Lab A	rchive (mos.)
1. Relinquished By // (MU)	Date: 10/12/04 Time:	1. Received By (Signature/Affiliation)	Date: 1012 00
2. Relinquished By (Signature/Affiliation)	Date: 10/12/04 Time:  500	2. Received By (Signature/Affiliation)	Date: 10/13/07 Time: \$100
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:
Commente:		the state of the s	M M

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qiy	Preservative	Requested Testing Program	Fil C	QC ID Lvi	Condition On Receipt
KH30168	LF10-MW06A-GW-KH30168-REG	11 OCT 2004	15:20	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>Ñ</td><td></td><td>•</td></ph>	VOC by EPA 8260B with MTBE	Ñ		•
KH30168	LF10-MW06A-GW-KH30168-REG	11 OCT 2004	15:20	LHOPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>Ň</td><td>·</td><td>the second of the second</td></ph>	TAL Total Metals by EPA 200.7 /	Ň	·	the second of the second
KH30168	LF10-MW06A-GW-KH30168-REG	11 OCT 2004	15:20	L Amb. Glass	2	None except cool to 4 C	245.1 PEST/PCB by EPA 8081A / 8082	- N		
KH30168	LF10-MW06A-GW-KH30168-RFG	1 oct 2001		l L Amb, Glass		None except cool to 4 C	Dioxins/Furans by EPA 8290	N	·-·· }.	er er er under
KH30168	LF10-MW08A-GW-KH30168-REG	11 OCT 2004	15:20	l L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N ~	• •	
KH30168	LF10-MW08A-GW-KH30168-REG	11 OCT 2004	1 10.20 P	50 ML HDPE		H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td> !</td><td></td></ph>	Ammonia by EPA 350.3	N	!	
KH30168	LF10-MVVXIA-GW-KH30168-REG			50 ML-HDPE	1.	NaOH>pH 42	Total Gyanide by EPA 335.2	Ň	' i	residence of the state of the s
KH30170	LF10-MW068-GW-KH30170-REG	11 OCT 2004	12:00	ID ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>Ñ</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	Ñ		
	mandered to the second of the	··········	1			**************************************				



10/13/04 8:00

Reference Document No: KH041011

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Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil CID	QC Lvi	Condition On Receipt
KH30170	1.F10-MW06B-GW-KH30170-REG	11 OCT 2004	12:00	1 L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	N.		
KH30170	LF10-MW06B-GW-KH30170-REG	11 OCT 2004	12:00	1 L Amb. Glass		None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		
KH30170	LF10-MW06B-GW-KH30170-REG	11 OCT 2004	12:00	250 ML HDPE		H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td></td><td></td></ph>	Ammonia by EPA 350.3	N		
KH30170	F10-MW068-GW-KH30170-REG	11 OCT 2004		250 ML HDPE		NaOH>pH 12	Total Cyanide by EPA 335.2	N		union in months and provided the state of th
KH30170	LF10-MW068-GW-KH30170-REG	11 OCT 2004		I L HDPE		HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td>·</td><td>100100 11<del>201111111111111111111111111111</del></td></ph>	TAL Total Metals by EPA 200.7 /	N	·	100100 11 <del>201111111111111111111111111111</del>
Ю130170	LF10-MW088-GW-KH30170-REG	11 OCT 2004	12:00	1 L Amb. Glass	12	None except cool to 4 C	245.1 SVOC by EPA 8270C		۱۰	
KH30171	LF10-MW07A-GW-KH30171-FD	11 OCT 2004	A PROPERTY OF	40 ML VOA Vial		HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>Ñ</td><td>r</td><td>.1 "3m., is the manufaction of the comment in</td></ph>	VOC by EPA 8260B with MTBE	Ñ	r	.1 "3m., is the manufaction of the comment in
KH30171	LF10-MW07A-GW-KH30171-FD	11 OCT 2004	CHIM INCOMES TO	1 L HDPE	~ . <del></del>	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td></td><td>and the time to be an embedded.</td></ph>	TAL Total Metals by EPA 200.7 /	N		and the time to be an embedded.
			.15.03	I THOLE	. ! !	riivos pri z	245.1		:. !	
KH30171	LF10-MW07A-GW-KH30171-FD	11 OCT 2004	15:03	1 L Amb. Glass	, 2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	, N,		
KH30171	LF10-MW07A-GW-KH30171-FD	11 OCT 2004	15:03	250 ML HDPE	<b>1</b>	NaOH>pH 12	Total Cyanide by EPA 335.2	N This	- 4-1	LET ( # 1944
KH30171	LF10-MW07A-GW-KH30171-F0	11 OCT 2004	15:03	250 ML HDPE	77	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>n (N 1074 )   N</td><td></td><td>,n,<del>400-4-4</del>-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-</td></ph>	Ammonia by EPA 350.3	n (N 1074 )   N		,n, <del>400-4-4</del> -7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-
GH3C171	LF10-MW07A-GW-KH30171-FD	11 OCT 2004	15:03	1 L Amb. Glass	11	None except cool to 4 C	Extra Extractable	N	- †	
KH30171	LF10-MW07A-GW-KH30171-FD	11 OCT 2004	15:03	1 L Amb. Glass		None except cool to 4 C	Dioxins/Furans by EPA 8290	N	• •}•	· A EN- NOS-ACEMENTALINES HALVEN
KH30171	LF10-MW07A-GW-KH30171-FD	11 OCT 2004	15:03	1 L Amb. Glass		None except cool to 4 C	SVOC by EPA 8270C	·		n - E Angressan mak " material surran
КН30172	LF10-MW07A-GW-KH30172-REG	11 OCT 2004	15:03	1 L Amb. Glass	with the same	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	"" N	- { !	ted 19. I de la Maria de la Companya
KH30172	LF10-MW07A-GW-KH30172-REG	11 DCT 2004	15:03	1 L Amb. Glass		None except cool to 4 C	Dioxins/Furans by EPA 8290	: N		· /- , <del></del>
KH30172	LF10-MW07A-GW-KH30172-REG	11 OCT 2004		250 ML HDPE		H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N N</td><td>-,</td><td>The state of the s</td></ph>	Ammonia by EPA 350.3	N N	-,	The state of the s
KH30172	LF 10-MW07A-GW-KH30172-REG	11 OCT 2004		250 ML HOPE		NaOH>pH 12	Total Cyanide by EPA 335.2	Ň	* * * *	to the same attacked the name, and the
KH30172	1F10-WW07A-GW-KH30172-REG	11 OCT 2004		1 L Amb. Glass	-41. <b>384-7</b> EU	None except cool to 4 C	Extra Extractable	Ñ	13 - 7	y na stanist en en en en en en en en en en en en en
KH30172	LF10-MW07A-GW-KH30172-REG	11 OCT 2004	إسسيب	1 L Amb. Glass	· ·	None except cool to 4 C	SVOC by EPA 8270C	N	· [ -	
KH30172	LF10 MW07A-GW-KH30172-REG	11 OCT 2004		I L HOPE	e democra	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td> IN</td><td> ] .</td><td>## - # # - 1</td></ph>	TAL Total Metals by EPA 200.7 /	IN	] .	## - # # - 1
** 1 ******** !********** ***		1	15.05	, E 1 (2) E	i. '.	haroo-pirz	245.1		;	
KH30172	LF10-MW07A-GW-KH30172-REG	11 OCT 2004	15:03	10 ML VOA Vial	₹3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>ΪÑ.</td><td>:</td><td></td></ph>	VOC by EPA 8260B with MTBE	ΪÑ.	:	
KH30174	LF10-MW07C-GW-KH3D174-REG	11 OCT 2004	10:12	10 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N N</td><td></td><td>· · I II. December 1</td></ph>	VOC by EPA 8260B with MTBE	N N		· · I II. December 1
KH30174	LF10-MW07C-GW-KH30174-REG	11 OCT 2004	10:12	250 ML HDPE	1	NaOH>pH 12	Total Cyanide by EPA 335.2	Ñ		
KH30174	LF10-MW07C-GW-KH30174-REG	11 OCT 2004	10:12	250 ML HDPE	1 1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N.</td><td>c; 224 [62.</td><td>Alter Profess and Street Street, 17,55.</td></ph>	Ammonia by EPA 350.3	N.	c; 224 [62.	Alter Profess and Street Street, 17,55.
KH30174	LF10-MW07C-GW-KH3D174-REG	11 OCT 2004	10:12	L Amb. Glass	Ž	None except cool to 4 C	SVOC by EPA 8270C	Ñ	``	in Lines Territoria in indicatoria de la companio de la companio de la companio de la companio de la companio
KH30174	LF10-MW07C-GW-KH3D174-REG	11 OCT 2004	10:12	I L Amb. Glass	. 2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N	· ; !	and the later of the second contract of the s
KH30174	LF10-MW07C-GW-KH00174-REG	11 OCT 2004	بالمستورة والمستورة	I L Amb. Glass	. <b></b>	None except cool to 4 C	Dioxins/Furans by EPA 8290	<b>i</b> N	· ·	LE LE SEER PORTUGUESTAN IN THE
KH30174	LF10-MW07C-GW-KH30174-REG	11 OCT 2004	10:12 h	L'HDPE		HN03 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7</td><td>" N</td><td>•</td><td>the transplant works to the transplant</td></ph>	TAL Total Metals by EPA 200.7	" N	•	the transplant works to the transplant
	1.				.i		245.1			
KH30177	LF10-MW09A-GW-KH30177-REG	11 OCT 2004	09:42	LHDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N .</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 /	N .		
KH30177	LF10-MW09A-GW-KH30177-REG	1 11 OCT 2004	א כאיסה	L Amb. Glass	] 2	None except cool to 4 C	245.1 SVOC by EPA 8270C	`iN	ě	
KH30177	LF10-MW09A-GW-KH30177-REG	l	ll.	L Amb. Glass	and the second	A STREET OF LIVE OF STREET OF STREET	Dioxins/Furans by EPA 8290	. N	. [	13. 11 LUI A 1277 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	THE COMMISSION OF THE WAY COMMISSION OF		08:42	LATID. Glass	12	None except cool to 4 C	SHOWNING THAT OF THE STATE OF T	~ · · · · · · · · · · · · · · · · · · ·		



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Sample No	Sample Name	Sample Date	Sample Time	c Container	Preservative	Requested Testing Program	Fil CID	QC Lvi	Condition On Receipt
KH30177	1.F10-MW09A-GW-KH30177-REG	11 OCT 2004	09:42	250 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td> IN</td><td>a F</td><td></td></ph>	Ammonia by EPA 350.3	IN	a F	
KH30177	1F10-MW03A-GW-KH30177-REG	11 OCT 2004	09:42	40 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 82608 with MTBE</td><td>. N</td><td>r: .h</td><td>The control of the following.</td></ph>	VOC by EPA 82608 with MTBE	. N	r: .h	The control of the following.
KH30177	UF10-MW09A-GW-KH30177-REG	11 OCT 2004	09:42	1 L Amb. Glass	2 None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	n N		a er alle se servicia
KH30177	1.F10-MW09A-GW-KH30177-REG	11 OCT 2004	09:42	250 ML HDPE	1 NaOH>pH 12	Total Cyanide by EPA 335.2	N.	7 t	The second section of the second
KH30177	LF10-MW09A-GW-KH30177-REG	11 OCT 2004	09:42	1 L Amb. Glass	1 None except cool to 4 C	Extra Extractable	N	j [.	and the state of the appropriate states and
KH30178	LF10-MW098-SW-KH30178-REG	11 OCT 2004	11:37	250 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td></td><td>ospolici et en en entre estab</td></ph>	Ammonia by EPA 350.3	N		ospolici et en en entre estab
KH30178	LF10-ATW09B-GW-KH3017B-REG	11 OCT 2004	11:37	1 L Amb. Glass	2 None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		nanganganan sangan
KH30178	LF10-MW09B-GW-KH30178-REG -	11 OCT 2004	11:37	250 ML HDPE	1 NaOH>pH 12	Total Cyanide by EPA 335.2	N		er kompet far i gjele gele
KH30178	LF10-MW09B-GW-KH3017B-REG	11 OCT 2004	11:37	40 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td> N</td><td>۲</td><td>* * * * * * * * * * * * * * * * * * * *</td></ph>	VOC by EPA 8260B with MTBE	N	۲	* * * * * * * * * * * * * * * * * * * *
KH30178	LF10-MW09B-GW-KH30178-REG	11 OCT 2004	11:37	L HOPE	1 HN03 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td>غ سدد</td><td>F 23 C</td></ph>	TAL Total Metals by EPA 200.7 /	N	غ سدد	F 23 C
KH30178	Tren seeden market being men	ilining and a second second second second second second second second second second second second second second	11 1 2 2 	4 12 15 15 15 15 15 15 15 15 15 15 15 15 15		245.1		٠.،	
KH30178	LF10-MW098-GW-KH30178-REG	11 OCT 2004	والمصاحب والمأت	1 L. Amb. Glass	2 None except cool to 4 C	SVOC by EPA 8270C	N	: [	
KH30178	LF10-MW09B-GW-KH30178-RE3	11 OCT 2004	LIAME THE	1 L Amb. Glass	1 None except cool to 4 C	Extra Extractable	N .		
KH30178 KH30178MS	LF10-MW09B-GW-KH30178-REG	11 OCT 2004	·	1 L Amb. Glass	2 None except cool to 4 C	Dioxins/Furans by EPA 8290	N		-Shifted areas and a second
	CF10-MW098-GW-KH30178MS-MS	11 OCT 2004	£	40 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>: <u> </u></td><td>Primatenas and the contract of</td></ph>	VOC by EPA 8260B with MTBE	N	: <u> </u>	Primatenas and the contract of
KH3017BMS	1F10-MW09B-GW-KH30178MS-MS	11 OCT 2004		1 L Amb. Glass	2 None except cool to 4 C	Dioxins/Furans by EPA 8290	N	·	Contraction of the House the Indiana of
KH30178MS	LF10-MW098-GW-KH30178MS-MS	11 OCT 2004	11:37	250 ML HDPE	1 NaOH>pH 12	Total Cyanide by EPA 335.2	N	:	Tad an income to be epo
K0H30178MS	LF10-MW09B-GW-KH3017BMS-MS	11 OCT 2004	11:37	1 L. Amb. Glass	1 None except cool to 4 C	Extra Extractable	N	<u> </u>	TAMES SEAT 11 + 1 - 1V
KH30178MS	LF10-MW098-GW-KH30178MS-MS	11 OCT 2004	11:37	250 ML, HDPE	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td>·····</td><td>and the state of t</td></ph>	Ammonia by EPA 350.3	N	·····	and the state of t
KH30178MS	LF10-MW098-GW-KH30178MS-MS	11 OCT 2004	11:37	1 L Amb. Glass	2 None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		named to be et state to the size of
KH30178MS	LF10-MW09B-GW-KH30178MS-MS	11 OCT 2004	11:37	1 L Amb. Glass	2 None except cool to 4 C	SVOC by EPA 8270C	N N	roman re-	**** ***
KH30178MS	LF10-MW098-GW-KH30178MS-MS	11 OCT 2004	11:37	1 L HOPE	1 HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 /	N		
KH30178MSD	LF10-MW09B-GW-KH30176MSD-MSD	11 OCT 2004	11:37	40 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N .</td><td>:</td><td></td></ph>	VOC by EPA 8260B with MTBE	N .	:	
KH30178MSD	LF10-MW098-GW-KH30178MSD-MSD	11 OCT 2004	*************	1 L HOPE	1 HN03 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>Ñ</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 /	Ñ		
CH30178MSD	LF10-MW098-GW-KH30178MSD-MSD	11 OCT 2004	11:37	1 L Amb. Glass	2 None except cool to 4 C	PEST/PCB by EPA 8081A / 8082		٠.	
ห้หัวก็วัสพิธิกั	LF10-MW09B-GW-KH30178MSD-MSD	11 OCT 2004	11:37	L Amb, Glass	2 None except cool to 4 C	Dioxins/Furans by EPA 8290	N		name in a second
KH30178MS0	LF10-MW09B-GW-KH30178MSD-MS0	11 OCT 2004	11:37	I L Amb. Glass	2 None except cool to 4 C	SVOC by EPA 8270C	Ň	-v{	recompted to the second of a second
KH30178MSD	LF10-MW08B-GW-KH30178MSD-MSD	11 OCT 2004	11:37	250 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>AND THE PROPERTY OF THE</td><td></td><td>ne na saaruul, a saaruu .</td></ph>	Ammonia by EPA 350.3	AND THE PROPERTY OF THE		ne na saaruul, a saaruu .
(H30178MSD	LF10-MW098-GW-KH30178MSD-MSD	11 OCT 2004	11:37	L Amb. Glass	1 None except cool to 4 C	Extra Extractable	Ň	··	••
(H30176MSD	LF10-MWD98-GW-KH30178MSD-MSD	17 OCT 2004		250 ML HOPE	1 NaOH>pH 12	Total Cyanide by EPA 335.2	Ń	٠. ا	
KH30179	LF10 MW09C-GW-KH30179-REG	11 OCT 2004	ļ	L Amb. Glass	2 None except cool to 4 C	Dioxins/Furans by EPA 8290	N		1.5
0/30179	LF10-MW09C-GW-KH30179-REG	11 OCT 2004		250 ML HOPE	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td>• :</td><td></td></ph>	Ammonia by EPA 350.3	N	• :	
ดีเรือวิวัติ	LF10-MW09C-GW-RH30179-REG	11 OCT 2004		IO ML VOA Vial	3 HCI <ph 2<="" td=""><td>MOC by EPA 8260B with MTBE</td><td>in.</td><td>!</td><td>. Survey exe</td></ph>	MOC by EPA 8260B with MTBE	in.	!	. Survey exe
0H3D179	LF10-MW09C-GW-KH30179-REG	11 OCT 2004	20 7633	LHOPE	1 HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>· • • • • • • • • • • • • • • • • • • •</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 /	· • • • • • • • • • • • • • • • • • • •		



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Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	FII CID	QC Lvi	Condition On Receipt
							245.1	* #		
0H30179	LF10-MW09C-GW-KH30179-REG	11 OCT 2004	14:20 1	L Amb. Glass	† 2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		
CH30179	LF10-MW09C-GW-KH30179-REG	11 OCT 2004	14:20 1	L Amb. Glass	12	None except cool to 4 C	SVOC by EPA 8270C	. N		rio. 4 m r. revidence antonox
H30179	LF10-MW09C-GW-KH30179-REG	11 OCT 2004	14:20 2	50 ML HDPE	11	NaOH>pH 12	Total Cyanide by EPA 335.2		ļ.,ķ.	rem delle delle delle delle
H30179	LF10-MW09C-GW-KH30179-REG	11 OCT 2004		L Amb. Glass	1	None except cool to 4 C	Extra Extractable	A		evice that is now
H30188	LF10-MW11A-GW-KH30188-REG	11 OCT 2004		O ML VOA Vial		HCI <ph 2<="" td=""><td></td><td>i in respective</td><td>, remit   51</td><td>an Limin (1914), Praegastinasings.</td></ph>		i in respective	, remit   51	an Limin (1914), Praegastinasings.
H30188	LF10-MW11A-GW-KH30188-REG	11 OCT 2004		L HDPE	1	HNO3 <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N.</td><td>12.5/1.</td><td>er og den er er er er er er er er er er er er er</td></ph>	VOC by EPA 8260B with MTBE	N.	12.5/1.	er og den er er er er er er er er er er er er er
		. L	1			THEO PIE	TAL Total Metals by EPA 200.7 / 245.1	, N	i.	- · · · · · · · · · · · · · · · · · · ·
H30186	LF10-MW11A-GW-KH30186-REG	11 OCT 2004	16:10 1	L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N	7	
H30188	UF10-MW11A-GW-KH30186-REG	11 OCT 2004	16:10 1	L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	IN "		* . 1
H30186	F10-MW11A-GW-KH30186-REG	11 OCT 2004	16:10 1	L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	Ñ		. Historia in interpretation
H30186	LF10-MW11A-GW-KH30186-REG	11 OCT 2004	16:10 2	50 ML HDPE	وسيطور	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td>, e e des</td><td>ista tanan mengeberahan</td></ph>	Ammonia by EPA 350.3	N	, e e des	ista tanan mengeberahan
130188	LF10-MW11A-GW-KH30186-REG	11 OCT 2004	16:10 2	50 ML HDPE	r i distribut	NaOH>pH 12	Total Cyanide by EPA 335.2		#- • • • •	e dig me pana ara panana yang dalam ters.
130166	LF10-MW11A-GW-KH3018B-REG	11 OCT 2004	16:10 1	L Amb. Glass	- de la compa	None except cool to 4 C	Extra Extractable			
130193	FIELDQC-WA-KH30193-TB	11 OC f 2004		0 ML VOA Vial		HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>- PK Fritzer 1657-ret Ki</td><td>· j .</td><td>. American de la companya de la comp</td></ph>	VOC by EPA 8260B with MTBE	- PK Fritzer 1657-ret Ki	· j .	. American de la companya de la comp



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Project Number: 829564

Samples Shipment Date: 13 OCT 2004

Bill To: Greg Plamondon

Project Name: WPAFB

Lab Destination: Severn Trent Lab

5050 Section Ave Norwood OH 45212

Sample Coordinator: Marie Chiller

Lab Contact: Denise Pohl

Project Contact: Denise Pohl

Report To: Greg Plamondon

5050 Section Ave

Turnaround Time: normal

Carrier/Waybill No.: Relinquished to STL/ Clnd

OH 45212 Norwood

Special Instructions: Possible Hazard Indentification: Sample Disposal: Return to Client Polson B Unknown 1 Disposal by Lab Skin Irritant (mos.) Date: 10/13/04 1. Received By 1. Relinquished By Date: (Signature/Affiliation) (Signature/Affiliation) Time: Time: Date: 10/13/ Date: 10 2. Relinquished, By Received By (Signature/Affiliation) (Signature/Affiliation) Time: 8 Time: Date: Date: 3. Received By 3. Relinguished B (Signature/Affiliation) (Signature/Affiliation) Time: Time: Comments:

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID L	
H30159	LF08-MW108-GW-KH30159-REG	12 OCT 2004	10:32	10 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>. N</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	. N		
H30159	LF08-MW10B-GW-KH30159-REG	12 OCT 2004	10:32	LHOPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 /	N		
H30159	LF08-MW108-GW-KH30159-REG	12 OCT 2004	10:32	L Amb. Glass	2	None except cool to 4 C	245.1 SVOC by EPA 8270C	N	.	1
H30159	LF08-MW10B-GW-KH30159-REG	12 OCT 2004	10:32	250 ML HDPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>Ñ</td><td>t a port i en</td><td>The same of the same of</td></ph>	Ammonia by EPA 350.3	Ñ	t a port i en	The same of the same of
H30159	LF08-MW108-GW-KH30159-REG	12 OCT 2004	10:32	L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	Ñ.		24
H30159	LF08-MW108-GW-KH30159-REG	12 OCT 2004	10:32	L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	Ñ		
H30159	LF08 AW108-GW-KH30159-REG	.   12.OCT 2004	10.32	250 ML HOPE	-1-	NaOH>pH.12	Total Cyanide by EPA.335.2	N.	:	1
H30159	LF08-MW108-GW-KH30159-REG	12 OCT 2004	10:32	I L Amb. Glass	1	None except cool to 4 C	Extra Extractable	N	1. MPA** To	



10/14/04 8:30

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Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil CIE	QC Lvi	Condition On Receipt
KH30169	LF10-MW08ADUP-GW-KH3D169-REG	12 OCT 2004	08:57	40 ML VOA Vial	; 2	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>İN</td><td>. :</td><td></td></ph>	VOC by EPA 8260B with MTBE	İN	. :	
KH30187	LF10-MW11B-GW-KH30187-FD	12 OCT 2004	13:47	1 L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		
KH30187	LF10-MW118-GW-KH30187-FD	12 OCT 2004	13:47	1 L Arnb. Glass	72	None except cool to 4 C	Dioxins/Furans by EPA 8290	N	- "	
KH30187	LF10-MW118-GW-KH30187-FD	12 OCT 2004	13:47	250 ML HDPE	11	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>Ñ</td><td></td><td>The self-element and effection of the</td></ph>	Ammonia by EPA 350.3	Ñ		The self-element and effection of the
кн30187	1F10-MW11B-GW-KH301B7-FD	12 OCT 2004	13:47	I L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>N</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 / 245.1	N		
KH30187	LF10-MW118-GW-KH30187-FD	12 OCT 2004	13:47	1 L Amb, Glass	12	None except cool to 4 C	SVOC by EPA 8270C	N .	;	
KH30187	LF10-MW118-GW-KH30187-FD	12 OCT 2004	13:47	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>Ň</td><td></td><td>०० विक स्तरीत शिक्क होते द्वाप्रदेश संस्था</td></ph>	VOC by EPA 8260B with MTBE	Ň		०० विक स्तरीत शिक्क होते द्वाप्रदेश संस्था
KH30187	LF10-MW118-GW-KH30197-FD	12 OCT 2004	13:47	1 L Amb. Glass	1	None except cool to 4 C	Extra Extractable	Ñ	· ·:	. Z
KH30187	LF10-MW118-GW-KH30187-FD	12 OCT 2004	13:47	250 ML HDPE	1	NaOH>pH 12	Total Cyanide by EPA 335.2	" ¦N"	- 7	mageria caus con com
KH30168	LF10-MW118-GW-KH30198-REG.	12 OCT 2004	13:47	1 L Amb. Glass	71	None except cool to 4 C	Extra Extractable	N	· į	n in University Sectional residence A limit
KH30168	LF10-MW11B-GW-KH30188-REG	12 OCT 2004	13:47	40 ML VOA Vial	<u> </u>	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N.</td><td>ĺ</td><td></td></ph>	VOC by EPA 8260B with MTBE	N.	ĺ	
KH30188	LF10-MW118-GW-KH30188-REG	12 OCT 2004	13:47	1 L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>N.</td><td>•</td><td>*</td></ph>	TAL Total Metals by EPA 200.7 / 245.1	N.	•	*
KH30188	LF10-MW11B-GW-KH30188-REG	12 OCT 2004	13:47	1 L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N	1	
KH30188	LF10-MW11B-GW-KH30188-REG	12 OCT 2004	13:47	1 L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	ŢÑ .	· [	u · ··· nome · ··· · · · · · · · · · · · · · · · ·
KH30188	LF10-MW118-GW-KH30188-REG	12 OCT 2004	13:47	1 L Amb, Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	ŢŅ,		A COLOR OF THE PROPERTY OF THE
KH30188	LF10 MW11B-GW-KH30188-REG	12 OCT 2004	13:47	250 ML HDPE	ŤŤ	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>Ñ</td><td></td><td>· · · · · · · · · · · · · · · · · · ·</td></ph>	Ammonia by EPA 350.3	Ñ		· · · · · · · · · · · · · · · · · · ·
KH30188	LF10-MW11B-GW-KH30188-REG	12 OCT 2004	13:47	250 ML HDPE	- ;	NaOH>pH 12	Total Cyanide by EPA 335.2	N	······································	ek a k a a a a a a a a a a a a a a a a a



Reference Document No: KH041013

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Project Number: 829564

Turnaround Time: normal

Samples Shipment Date: 14 OCT 2004

Bill To: Greg Plamondon

Norwood

5050 Section Ave

OH 45212

Project Name: WPAFB

Sample Coordinator: Marie Chiller

Lab Contact: Denise Pohl

Lab Destination: Severn Trent Lab

Report To: Greg Plamondon

Project Contact: Denise Pohi

5050 Section Ave

Carrier/Waybill No.: Relinquished to STL/ Cincl

Norwood

OH 45212

Special Instructions: Possible Hazard Indentification: Sample Disposal: Disposal by Lab Return to Client Archive Non-hazard [\_ Flammable Skin Irritant Polson B (mos.) Unknown K. 1. Relinquished By Date: 10/14/04 Date: 10/14/04 Received By (Signature/Affiliation) (Signature/Affiliation) Time: 1230 Time: / てるら 2. Relinquished By (Signature/Affiliation) Date: (0/14/04 Date: 10//3764 2. Received By (Signature/Affiliation) Time: 2/30 Time: /5/5 3. Relinquished By (Signature/Affiliation) 3. Received By Date: Date: : (Signature/Affiliation) Time: Time: Comments:

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty		Requested Testing Program	FII		QC Lvi	Condition On Receipt
0130136	01-DM-1020-M-GW-KH30136-REG	13 OCT 2004	15:35	40 ML VOA Vial	·; 3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>Ň</td><td>٠</td><td>1</td><td></td></ph>	VOC by EPA 8260B with MTBE	Ň	٠	1	
0H30136	D1-DM-1020-M-GW-KH30138-REG	13 OCT 2004	15:35	LHOPE	77	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>Ň</td><td>- · · · ·</td><td></td><td>ra en en en en en en en</td></ph>	TAL Total Metals by EPA 200.7 /	Ň	- · · · ·		ra en en en en en en en
H30136	D1-DM-102D-M-GW-KH30138-REG	13 OCT 2004	1	I L Amb. Glass	: 2	None except cool to 4 C	245.1 PEST/PCB by EPA 8081A / 8082	Ň	٠.	Ì.	·
H30136	01-0M-1020-M-GW-KH30135-REG	13 00T 2014	15:35	L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	N	'/-		र स्थापन का जावा स्थापन के अञ्चलकार स्थापन
H30136	01-DM-1020-M-GW-KH30136-REG	13 OCT 2004	15:35	L Āmb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	Ñ		• •	E
130136	01-DM-102D-M-GW-KH30136-REG	13 OCT 2004	15:35	50 ML HOPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>Ñ</td><td></td><td>i</td><td>* ** * Zifazzif , il</td></ph>	Ammonia by EPA 350.3	Ñ		i	* ** * Zifazzif , il
130138	01-DM-102D-M-GW-KH30136-REG	13 OCT 2004	15:35	50 ML HDPE	4-1-	NaOH>pH 12	Total Cyanide by EPA 335.2	Ñ.			
H30161	LF08-MW11A-GW-KH30181-REG	13 ÖCT 2004		50 ML HDPE		NaOH>pH 12	Total Cyanide by EPA 335.2	Ń,		: .	A 16 1 2 249



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Reference Document No: KH041013

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: Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Fil CID	QC Lvi	Condition On Receipt
KH30161	LF08-MW11A-GW-KH30181-REG	13 OCT 2004	15:17	1 L Amb. Glass	2 None except cool to 4 C	Dioxins/Furans by EPA 8290	]N		
KH30161	LF08-MW11A-GW-KH30161-REG	13 OCT 2004	15:17	1 L Amb. Glass	2 None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N	i,	est of tw <del>indian</del> a court
KH30161	LF08-MW11A-GW-KH30161-REG	13 OCT 2004	15:17	1 L Amb. Glass	1 None except cool to 4 C	Extra Extractable	N	1.	the straight and supplementary of the same
KH30181	LF06-MW11A-GW-KH30181-REG	13 OCT 2004	15:17	40 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>IN</td><td>٠ ;</td><td>***** । १९९१ चंद्रात्मात्मात्म । ४३५५</td></ph>	VOC by EPA 8260B with MTBE	IN	٠ ;	***** । १९९१ चंद्रात्मात्मात्म । ४३५५
KH30181	LF08-MW11A-GW-KH30161-REG	13 OCT 2004	15:17	1 L HDPE	1 HN03 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td><u>                                      </u></td><td>· i</td><td>· · · · · · · · · · · · · · · · · · ·</td></ph>	TAL Total Metals by EPA 200.7 /	<u>                                      </u>	· i	· · · · · · · · · · · · · · · · · · ·
KH30181	LF08-MW11A-GW-KH30181-REG			<del></del>		<sup></sup> 245.1	} ```.	:.	
KH30161	LF08-MW11A-GW-KH30191-REG	13 OCT 2004	آسياس	1 L Amb. Glass	2 None except cool to 4 C	SVOC by EPA 8270C	Ñ	!	
KH30162	LF08-MW11B-GW-KH30162-REG	13 OCT 2004	J	250 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>Ň</td><td></td><td></td></ph>	Ammonia by EPA 350.3	Ň		
KH30162		13 OCT 2004	10.00	40 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td>the strate time.</td></ph>	VOC by EPA 8260B with MTBE	N		the strate time.
10730162	LF08-MW11B-GW-KH30152-REG	13 OCT 2004	10:30	1 L HDPE	1 HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td>Ì</td><td>Service Communication</td></ph>	TAL Total Metals by EPA 200.7 /	N	Ì	Service Communication
KH30162	LF08-MW11B-GW-KH30162-REG	13 OCT 2004	10:30	L Amb. Glass	2 None except cool to 4 C	245.1 SVOC by EPA 8270C			**************************************
KH30162	LF08-MW11B-GW-KH30162-REG	13 OCT 2004	r <del> </del> - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	L Amb. Glass	2 None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N	. :	· commente of
KH30162	LF08-MW118-GW-KH30162-REG	13 OCT 2004	المسترات والمسارات	L Amb. Glass	2 None except cool to 4 C	Dioxins/Furans by EPA 8290	the state of the s	į	- communication of the m
ห์เหลือ <u>162</u> - ***********************************	LF08-MW11B-GW-KH30162-REG	13 OCT 2004	ribouriorana la	250 ML HDPE	1 H2SO4 <ph 2<="" td=""><td></td><td>N</td><td>!</td><td>Single State of th</td></ph>		N	!	Single State of th
KH30162	LF08-MW118-GW-KH30162-REG	13 OCT 2004		250 ML HDPE	1 NaOH>pH 12	Ammonia by EPA 350.3	i N		. A Shak Arrent Salah
KH30162	LF08-MW11B-GW-KH30162-REG	13 OCT 2004	taken wash	L Amb. Glass		Total Cyanide by EPA 335.2	N N		······ eren manten.
KH30162MS	LF08-MW11B-GW-KH30162MS-MS	13 OCT 2004	dans and	ID ML VOA Vial	j 1 None except cool to 4 C	Extra Extractable	N		THE REPORT OF THE PARTY OF THE
KH30162MS	LF08-MW11B-GW-KH30182MS-MS	13 OCT 2004	ales arrected		3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td> 1</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	1	
			10:30	L HDPE	1 HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>∤N .</td><td>. •</td><td></td></ph>	TAL Total Metals by EPA 200.7 / 245.1	∤N .	. •	
KH3U162MS	LF08-MW11B-GW-KH30162MS-MS	13 OCT 2004	Ĩ 10:30 ľi	L Amb. Glass	2 None except cool to 4 C	SVOC by EPA 8270C	":N	:	
เช่ารือ เอ็วกิรีริ	LF08-MW118-GW-KH3D162M8-MS	13 OCT 2004	10:30	L Amb. Glass	2 None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N	ij	مدادي ووسايد سائد
KH30162MS	LF08-MW118-GW-KH30162MS-MS	13 OCT 2004	10:30 1	L Amb. Glass	2 None except cool to 4 C	Dioxins/Furans by EPA 8290	Ñ	ì	
KH30162MS	LF09-MW11B-GW-KH30182MS-MS	13 OCT 2004	10:30 2	50 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>IN</td><td>• :</td><td>· Compression of Asset</td></ph>	Ammonia by EPA 350.3	IN	• :	· Compression of Asset
KH30162MS	LF08-MW11B-GW-KH30162MS-MS	13 OCT 2004	.LL_	50 ML HOPE	1 NaOH>pH 12	Total Cyanide by EPA 335,2	N	í,	· · · · · · · · · · · · · · · · · · ·
KH30162MS	1.F08-MW118-GW-KH30182MS-MS	13 OCT 2004	the same of the	L Amb. Glass	1 None except cool to 4 C	Extra Extractable		:	· Parkettania (* 17. 17. 17. 17. 17. 17. 17. 17. 17. 17.
KH30162MSD	LF08-MW11B-GW-KH30162MSD-MSD	13 OCT 2004	TOTAL CONTRACTOR	0 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N.</td><td></td><td>A . The Contraction of the Addition to</td></ph>	VOC by EPA 8260B with MTBE	N.		A . The Contraction of the Addition to
KH30162MSD	LF08-MW118-GW-KH30162MSD-MSD	13 OCT 2004		L Amb. Glass	1 None except cool to 4 C	Extra Extractable	N	}	uni i i i filo se sur unitata ancier
KH30162MSD	LF06-MW11B-GW-KH30162MSD-MSD	13 OCT 2004		50 ML HDPE	1 NaOH>pH 12	Total Cyanide by EPA 335.2	N.	. :	wa.,
0130162MSD	LF08-MW118-GW-KH30162MSD-MSD	13 ÖCT 2004		50 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td></td><td></td><td>· · · · · · · · · · · · · · · · · · ·</td></ph>	Ammonia by EPA 350.3			· · · · · · · · · · · · · · · · · · ·
KH30162MS0	LF08-MW118-GW-KH30162M6D-MSD	! , 13 OCT 2004	1	L HDPE	1 HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>. Al</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 /	. Al		
			1 -2,2,2,1		A Language of the second	245.1	11		
KH30162MSD	LF08-MW118-GW-KH301624/SD-MSD	13 OCT 2004	10:30 1	L Amb. Glass	2 None except coof to 4 C	SVOC By EPA 82700	Ñ	:-	
0H30162MSD	LF08-MW118-GW-KH30162MSD-MSD	13 OCT 2004	10:30	L Amb. Glass	2 None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	Ň	į	1.11.20 (1981)
(H30162MSD	1F08-MW11B-GW-KH30162MSD-MSD	13 OCT 2004	10:30 1	L Amb. Glass	2 None except cool to 4 C	Dioxins/Furans by EPA 8290	Ň	١.	
KH30163	LF08-MW11C-GW-KH30183-REG	13 OCT 2004	15:42 4	0 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td></td><td></td><td><del></del></td></ph>	VOC by EPA 8260B with MTBE			<del></del>



Reference Document No: KH041013

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Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fii CID	QC Lvi	Condition On Receipt
CH30163	LF08-MW11C-GW-KH30163-REG	13 OCT 2004	15:42	250 ML HDPE	Ţ <b>1</b>	NaOH>pH 12	Total Cyanide by EPA 335.2	į N	7	
H30163	1F08-MW11C-GW-KH30163-REG	13 OCT 2004	15:42	1 L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>ÎN:</td><td>` <del> -</del></td><td>TATALON STREET, STREET, 121</td></ph>	TAL Total Metals by EPA 200.7 /	ÎN:	`  <del> -</del>	TATALON STREET, STREET, 121
H30153	LEGG ADALLAC CHALLELONGO COO	1 40 040 000					<b>245.1</b>	f.,,	· · · · · · · · · · · · · · · · · · ·	
	LF08-MW11C-GW-KH30163-REG	13 OCT 2004	15:42	1 L Amb. Glass	j 2	None except cool to 4 C	SVOC by EPA 8270C	N	1 1.	
3430163	LF08-MW11C-GW-KH30163-REG	13 OCT 2004	15:42	1 L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	Ň	rda weeding	CONTROL MARKETING
H30163	LF08-MW11C-GW-KH30163-REG	13 OCT 2004	15:42	250 ML HDPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>Ň</td><td>rj-male I</td><td>: - بردر - <del>ا</del>کلاسان <del>- این ۱</del> در اینها اساس ساس</td></ph>	Ammonia by EPA 350.3	Ň	rj-male I	: - بردر - <del>ا</del> کلاسان <del>- این ۱</del> در اینها اساس ساس
H30163	LF08-MW11C-GW-KH30163-REG	13 OCT 2004	15:42	1 L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	N	- enert	W - *
H30164	LF10-MW03A-GW-KH30164-REG	13 OCT 2004	16:10	250 ML HDPE	j T	NaOH>pH 12	Total Cyanide by EPA 335.2	Ň		* * * * * * * *
H30164	LF10-MW03A-GW-KH30164-REG	13 OCT 2004	16:10	40 ML VOA Viai	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>IN.</td><td></td><td>openia i i i e e e e e</td></ph>	VOC by EPA 8260B with MTBE	IN.		openia i i i e e e e e
H30164	LF10-MW03A-GW-KH30184-REG	13 OCT 2004	16:10	1 L HDPE	11	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 /	N		
			<del></del>				<del></del>		بوأمن ماه	a contraction than and a con-
H3D164	LF10-MW03A-GW-KH30164-REG	13 OCT 2004	16:10	250 ML HÖPE	Į <b>1</b>	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td>1 1</td><td></td></ph>	Ammonia by EPA 350.3	N	1 1	
H30175	2F10 MW08A-2-GW-KH30175-REG	13 OCT 2004	10:30	40 ML VOA Vial	÷ 3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>Ñ</td><td><u> </u></td><td>and the second s</td></ph>	VOC by EPA 8260B with MTBE	Ñ	<u> </u>	and the second s
H30175	LF10-MW08A-2-GW-KH30175-REG	13 DCT 2004	10:30	1 L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7/</td><td>Ň</td><td>· · · /~</td><td>**************************************</td></ph>	TAL Total Metals by EPA 200.7/	Ň	· · · /~	**************************************
							245.1	• • • -		
H30175	LF10-MW08A-2-GW-KH30175-REG	13 OCT 2004	10:30	I L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N	· •	
130175	LF10-MW08A-2-GW-KH30175-REG	13 OCT 2004	10:30	L Amb. Glass	<u>, 2</u>	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	`` <b>N</b> '\'	<del> </del>	
130175	LF10-MW08A-2-GW-KH30175-REG	13 OCT 2004	10:30	I L Amb. Glass	244-281	None except cool to 4 C	Dioxins/Furans by EPA 8290	(N	·	TIME IT COUNTY IN
130175	1F10-MW08A-2-GW-KH30175-REG	13 OCT 2004	10:30	50 ML HDPE	<del></del> 1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>· · ] N</td><td></td><td>W. 4 * ***</td></ph>	Ammonia by EPA 350.3	· · ] N		W. 4 * ***
130175	LF10-MW08A-2-GW-KH30175-REG	13 OCT 2004	10:30	50 ML HDPE	4	NaOH>pH 12	Total Cyanide by EPA 335.2	N TO THE	- 17-dr	Color Color Consequence
130194	FIELOGC-WA-KH30184-78	13 OCT 2004	07:45	O ML VOA Vial	. 2	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>mine v zest</td><td>g∤</td><td><ul> <li>— no not provide exerci-</li> </ul></td></ph>	VOC by EPA 8260B with MTBE	mine v zest	g∤	<ul> <li>— no not provide exerci-</li> </ul>



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Project Number: 829564

Samples Shipment Date: 19 OCT 2004

Bill To: Greg Plamondon

Project Name: wPAFB

Lab Destination: Severn Trent Lab

5050 Section Ave

Sample Coordinator: Marie Chiller Turnaround Time:

Lab Contact: Denise Pohl

Carrier/Waybill No.: Relinquished to STL/ Cincl.

Narwood OH 45212

Project Contact: Denise Pohl

Report To: Greg Plamondon

5050 Section Ave

Norwood

OH 45212

Special Instructions:			
	<i></i>	Sample Disposal: Return to Client Disposal by Lab Archive	(mos.)
1. Relinquished By WWW (Signature/Affiliation)	Date: IOU9 04 Time:	1. Received By (Signature/Affiliation)	Date: 10 19/04 Time: 1730
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: iq/20/04 Time: 7:30
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:
Comments:			

Sample No	Sample Name	Sample Date	Sample Time	Container	Ct Qt	-	Requested Testing Program	FII	CID	QC Lvi	Condition On Receipt
<del>(3130143</del>	02-DM-84-M-GW-KH30143-FD	18 OCT 2004	09:28	II ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>IN</td><td></td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	IN			
OH30143	02-DM-84-M-GW-KH30143-F0	18 OCT 2004	09:28	L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>N</td><td></td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 / 245.1	N			
KH30143	02-0M-84-M-GW-KH30143-FD	18 OCT 2004	09:28 1	L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		[	
KH30143	D2-DM-84-M-GW-KH30143-FD	18 OCT 2004	09:28 1	L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N	****	inatamina i	THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUM
KH30143	02-DM-84-M-GW-KH30143-FD	18 OCT 2004	09:28 2	50 ML HOPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td></td><td><del></del></td><td><u> </u></td></ph>	Ammonia by EPA 350.3	N		<del></del>	<u> </u>
KH30143	UZ-DM-84-M-GW-KH30143-FD	18 OCT 2004	09:28 2	50 ML HDPE	1	NaOH>pH 12	Total Cyanide by EPA 335.2	N		<del></del>	<del>1.00</del>
KH30143	D2-DM-84-M-GW-RH30143-FD	18 OCT 2004	09:28	L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	Ñ	1444	h	Andrew
KH30144	02-DM-84-M-GW-KH30144-REG	18 OCT 2004	09:28 2	50 ML HDPE	1	NaOH>pH 12	Total Cyanide by EPA 335.2	N			



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Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	FII CIE	QC Lvi	Condition On Receipt
CH30144	D2-DM-84-M-GW-KH30144-REG	18 OCT 2004	09:28	40 ML VOA Vial	3	HCKpH 2	VOC by EPA 8260B with MTBE	IN	-)T	
OH30144	02-DM-84-M-GW-KH30144-REG	18 OCT 2004	09:28	1 L Amb. Glass	1 2	None except cool to 4 C	SVOC by EPA 8270C	N	-	
Q130144	D2-DM-84-M-GW-KH30144-REG	18 OCT 2004	09:28	1 L Amb. Glass		None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N.		
GH30144	02-DM-84-M-GW-KH30144-REG	18 OCT 2004	09:28	1 L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	N	╬┼	
KH30144	02-DM-84-M-GW-KH30144-REG	18 OCT 2004	09:28	1 L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N;</td><td>1</td><td><del>-, </del></td></ph>	TAL Total Metals by EPA 200.7 /	N;	1	<del>-, </del>
CH30144	D2-DM-84-M-GW-KH30144-REG	} 18 OCT 2004	00.29	250 ML HDPE	74	H2SO4 <ph 2<="" td=""><td>245.1</td><td></td><td></td><td></td></ph>	245.1			
0130153	LF08-MW09A-GW-KH30153-REG	18 OCT 2004		40 ML VOA Vial			Ammonia by EPA 350.3	N		-::
CH30153	LF08-MW09A-GW-KH30153-REG	18 OCT 2004	ليرحيك			HCKpH 2	VOC by EPA 8260B with MTBE	N	1	
	L. M. M. M. M. M. M. M. M. M. M. M. M. M.	10 001 2004	14:37	1 L HDPE		HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>N!</td><td>11</td><td>-</td></ph>	TAL Total Metals by EPA 200.7 / 245.1	N!	11	-
0130153	LF08-MW08A-GW-KH30153-REG	18 OCT 2004	14:37	250 ML HDPE	1	NaOH>pH 12	Total Cyanide by EPA 335.2	N:	T	
(H30153	LF08-MW09A-GW-KH30153-REG	18 OCT 2004	14:37	250 ML HDPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N,</td><td>·</td><td></td></ph>	Ammonia by EPA 350.3	N,	·	
(H30154	LF08-MW098-GW-KH30154-REG	18 OCT 2004	09:32	1 L Amb. Glass	1	None except cool to 4 C	Extra Extractable	N.	* <del> </del>	**************************************
(H30154	LF08-MW098-GW-KH30154-REG	18 OCT 2004	09:32	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N		
(H30154	LF08-MW09B-GW-KH30154-REG	18 OCT 2004	09:32	1 L HDPE	17	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td>:4 ===:=\t    </td><td>And a particular of property of the same of the</td></ph>	TAL Total Metals by EPA 200.7 /	N	:4 ===:=\t   	And a particular of property of the same of the
1430154	LF08-MW09B-GW-KH30154-REG	18 OCT 2004	00.32	1 L Amb. Glass	12	None except cool to 4 C	245.1 PEST/PCB by EPA 8081A / 8082	N	1 11-	
(H30154	LF08-MW09B-GW-KH30154-REG	18 OCT 2004		1 L Amb. Glass		None except cool to 4 C	SVOC by EPA 8270C	N	-	
H30154	LF08-MW09B-GW-KH30164-REG	16 OCT 2004	<u>ا ــــــــــــــــــــــــــــــــــــ</u>	250 ML HDPE	_	NaOH>pH 12	Total Cyanide by EPA 335.2	N		725227777777778888888888888888888888888
JH30154	LF08-MW098-GW-KH30154-REG	18 OCT 2004	l	250 ML HOPE		H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>- N</td><td><del>}</del></td><td>-8/84</td></ph>	Ammonia by EPA 350.3	- N	<del>}</del>	-8/84
3H30154	LF08-MW09B-GW-KH30154-REG	18 OCT 2004		1 L Amb. Glass		None except cool to 4 C	Dioxins/Furans by EPA 8290	N	†	
1130154MS	LF08-MW09B-GW-KH30154MS-MS	18 OCT 2004		10 ML VOA Vial		HCKpH 2	VOC by EPA 8260B with MTBE	IN		
JH30154MS	LF08-MW09B-GW-KH30154MS-MS	18 OCT 2004	I	I L HDPE		HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 /</td><td>N</td><td><b>}</b></td><td>مراهما لة الكريبيين له شك ناكم برديا الأخطاط الكالياط</td></ph>	TAL Total Metals by EPA 200.7 /	N	<b>}</b>	مراهما لة الكريبيين له شك ناكم برديا الأخطاط الكالياط
		<u> </u>					245.1			
H30154MS	LF08-MW098-GW-KH30154MS-MS	1B OCT 2004		I L Amb. Glass		None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		THE TRANSPORT OF THE PROPERTY OF THE PROPERTY OF
H30154MS	LF08-MW09B-GW-KH30154MS-MS	18 OCT 2004		L Amb. Glass		None except cool to 4 C	SVOC by EPA 8270C	N.		
H30154MS	LF08-MW09B-GW-KH30154MS-MS	18 OCT 2004		L Amb. Glass		None except cool to 4 C	Dioxins/Furans by EPA 8290	N		<del></del>
H3D154MS	LF08-MW09B-GW-KH30154MS-MS	18 OCT 2004		250 ML HDPE		NaOH>pH 12	Total Cyanide by EPA 335.2	N:	j.	in in leading wealth decide on the decident
H30154MS	F08-MW09B-GW-KH30154MS-MS	18 OCT 2004		250 ML HDPE		H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td></td><td>rua di memberakan kalamatan (masa</td></ph>	Ammonia by EPA 350.3	N		rua di memberakan kalamatan (masa
H30154MSD	LF08-MW08B-GW-KH30154MSD-MSD	18 OCY 2004	09:32	250 ML HDPE		H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N.</td><td></td><td>A BANG OF THE STREET</td></ph>	Ammonia by EPA 350.3	N.		A BANG OF THE STREET
H30154MSD	LF08-MW09B-GW-KH30154MSD-MSD	18 OCT 2004	09:32	50 ML HDPE	1	NaOH>pH 12	Total Cyanide by EPA 335.2	N		
H30154MSD	LF08-MW098-GW-KH30154MSD-MSD	18 OCT 2004	09:32	L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL. Total Metals by EPA 200.7 /</td><td>N</td><td></td><td></td></ph>	TAL. Total Metals by EPA 200.7 /	N		
H3D154MSD	LF08-MW09B-GW-KH30154MSD-MSD	18 OCT 2004	09:32 H	L Amb. Glass	12	None except cool to 4 C	245.1 SVOC by EPA 8270C	N.		
H30154M5D	LF08-MW098-GW-KH30154MSD-MSD	18 OCT 2004		L Amb. Glass		None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N	<u>-</u>	of Charles and Association and Security
H30154MSD	LF08-MW09B-GW-KH30154MSD-MSD	18 OCT 2004		0 ML VOA Vial		HCI <ph 2<="" td=""><td>VOC by EPA 82608 with MTBE</td><td>N</td><td><del> </del></td><td>وسفشراني وجعر إرواجي الكامل الاكر وسيستمد والكام وحماله</td></ph>	VOC by EPA 82608 with MTBE	N	<del> </del>	وسفشراني وجعر إرواجي الكامل الاكر وسيستمد والكام وحماله
H30154MSD	1.F08-MW09B-GW-KH30154MSD-MSD	18 OCT 2004		L Amb. Glass		None except cool to 4 C	Dioxins/Furans by EPA 8290	N	j-w	Landingree between a confidence



Reference Document No: KH041018

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Sampie No	Sample Name	Sample Date	Sämple Time	Container		Preservative	Requested Teating Program	FII CID	QC Lvi	Condition On Receipt
0130178	LF10-MW088-GW-KH30176-REG	18 OCT 2004	14:05	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td><del></del></td></ph>	VOC by EPA 8260B with MTBE	N		<del></del>
GH30178	LF10-MW088-GW-KH30176-REG	18 OCT 2004	14:05	1 L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>N</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 / 245.1	N		
O:30176	LF10-MW08B-GW-KH30178-REG	18 OCT 2004	14:05	1 L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N		
OH30176	F10-MW088-GW-KH30176-REG	18 OCT 2004	14:05	1 L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		<del></del>
0H30176	LF1D-MW088-GW-KH30176-REG	18 OCT 2004	14:05	1 L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	N		······································
0130178	LF10-MW088-GW-KH30176-REG	18 OCT 2004	14:05	250 ML HDPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td>111</td><td>Salah kum ura siku disebas sistemisisis ke</td></ph>	Ammonia by EPA 350.3	N	111	Salah kum ura siku disebas sistemisisis ke
CH30176	LF10-MW08B-GW-KH30176-REG	18 OCT 2004	14:05	250 ML HDPE	1	NaOH>pH 12	Total Cyanide by EPA 335.2	N		elek Land hatte e nie z sammer bie Potostoto bilo
(H30195	FIELDQC-WA-KH30195-TB	18 OCT 2004	07:40	40 ML VOA Vial	12	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td>20 E P. L. T. B. (1920) A.</td></ph>	VOC by EPA 8260B with MTBE	N		20 E P. L. T. B. (1920) A.



Reference Document No: KH041020

Page 1 of 2

Project Number: 829564

Samples Shipment Date: 21 OCT 2004

Bill To: Greg Plamondon

5050 Section Ave

5050 Section Ave

Project Name: WPAFB

Lab Destination: Sevem Trent Lab

Norwood

OH 45212

Sample Coordinator: Marie Chiller

Report To: Greg Plamondon

Turnaround Time: Normal

Project Contact: Denise Pohl

Lab Contact: Denise Pohl

Carrier/Waybill No.: Relinquished to STL/ Cinci

Norwood

OH 45212

Special Instructions:			
Possible Hazard Indentification:  Non-hazard Flammable Skin Irritant	Poison B Unknown	Sample Disposal:  Return to Client Disposal by Lab Archive	(mos.)
1. Relinquished By Mauluu (Signature/Affiliation)	Date: 10/21/04 Time: 1400	1. Received By (Signature/Affiliation)	Date:10/31 04 Time: 1400
2. Relinquished By (Signature/Affiliation)	Date: 10/21/81/ Time: 14/00	2. Received By (Signature/Affiliation)	Date: 10/22/01/ Time: 9" 25
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:
Comments:		and a distance of the Control of the	

Sample No	Sample Name	Sample Date	Sample Time	Container	Ct Qt		Requested Testing Program	Fil	CID	QC Lvi	Condition On Receipt
<b>К</b> Н30135	01-004-M-GW-KH30135-REG	20 OCT 2004	11:00 4	ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td><math>\square</math></td><td>CONTROL OF STREET, CARDING</td></ph>	VOC by EPA 8260B with MTBE	N		$\square$	CONTROL OF STREET, CARDING
KH30135	01-004-M-GW-KH30135-REG	20 OCT 2004	11:00 1	L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>ĮN.</td><td>,</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 / 245.1	ĮN.	,		
KH30135	01-004 M-GW-KH30135-REG	20 OCT 2004	11:00 1	L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N			
KH30135	01-004-M-GW-KH30135-REG	20 OCT 2004	11:00 h	L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N			
<b>KH3013</b> 5	D1-004-M-GW-KH30135-REG	20 OCT 2004	11:00 1	L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	Ň			
KH30135	01-004-M-GW-KH30135-REG	20 OCT 2004	11:00 2	O ML HDPE	<u> </u>	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td></td><td></td><td></td></ph>	Ammonia by EPA 350.3	N			
KH30135	01-004-M-GW-KH30135-REG	20 OCT 2004	11:00 2	O ML HOPE	11	NaOH>pH 12	Total Cyanide by EPA 335.2	N	<u> </u>	300	
: KH30141	D2-DM-83D-M-GW-KH30141-REG	20 OCT 2004	11:20 4	ML VOA Vial	3	HCI <ph 2<="" td=""><td>MOC by EPA 8260B with MTBE</td><td>įΝ</td><td></td><td></td><td><u> </u></td></ph>	MOC by EPA 8260B with MTBE	įΝ			<u> </u>



Reference Document No: KH041020

Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container		<b>Preserv</b> ative	Requested Testing Program	FII CID	QC Lvi	Condition On Receipt
KH30141	02-DM-83D-M-GW-KH30141-REG	20 OCT 2004	11:20 2	50 ML HDPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N .</td><td></td><td></td></ph>	Ammonia by EPA 350.3	N .		
KH30141	02-DM-83D-M-GW-KH30141-REG	20 OCT 2004	11:20 1	L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>N</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 / 245.1	N		
KH30141	D2-DM-83D-M-GW-KH30141-REG	20 OCT 2004	11:20 2	50 ML HDPE	1	NaOH>pH 12	Total Cyanide by EPA 335.2	N		
KH30141	02-DM-B3D-M-GW-KH30141-REG	20 OCT 2004	11:20 1	L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N		
KH30141	02-DM-83D-M-GW-KH30141-REG	20 OCT 2004	11:20 1	L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		
KH30141	D2-DM-B3D-M-GW-KH30141-REG	20 OCT 2004	11:20 1	L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	N <sub>i</sub>		
KH30142	D2-DM-83S-M-GW-KH30142-REG	20 OCT 2004	14:23 4	0 ML VOA Vial		HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N		
KH30142	02-DM-83S-M-GW-KH30142-REG	20 OCT 2004	14:23 1	L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N:		
KH30142	02-DM-83S-M-GW-KH30142-REG	20 OCT 2004	14:23 2	50 ML HDPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td></td><td></td></ph>	Ammonia by EPA 350.3	N		
KH30142	02-DM-838-M-GW-KH30142-REG	20 OCT 2004	14:23 2	50 ML HDPE	1	NaOH>pH 12	Total Cyanide by EPA 335.2	N;		
KH30142	02-DM-838-M-GW-KH30142-REG	20 OCT 2004	14:23 1	L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	N		
KH30142	02-DM-83\$ M-GW-KH30142-REG	20 OCT 2004	14:23 1	L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N		
KH30142	02-DM-839-M-GW-K0-I30142-REG	20 OCT 2004	14:23 1	L HDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>N:</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 / 245.1	N:		
KH30158	LF08-MW10A-GW-KH30158-REG	20 OCT 2004	09:33 1	L Amb. Glass	2	None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		
KH30158	LF08-MW10A-GW-KH30158-REG	20 OCT 2004	09:33 1	L Amb. Glass	2	None except cool to 4 C	Dioxins/Furans by EPA 8290	N		
KH30158	LF08-MW1DA-GW-KH30158-REG	20 OCT 2004	09:33 2	50 ML HDPE	1	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N:</td><td></td><td>4/7- A TR</td></ph>	Ammonia by EPA 350.3	N:		4/7- A TR
KH30158	LF08-MW10A-GW-KH30158-REG	20 OCT 2004	09:33 2	50 ML HDPE	1	NaOH>pH 12	Total Cyanide by EPA 335.2	N		
KH30158	LF08-MW10A-GW-KH30158-REG	20 OCT 2004	09:33 1	L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N		
KOH30158	LF08-MW10A-GW-KH30158-REG	20 OCT 2004	09:33 1	LHDPE	1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>N</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 / 245.1	N		
KH30158	1_F08-MW10A-GW-KH30158-REG	20 OCT 2004	09:33 4	O ML VOA Vial	] 3	HCI <ph 2<="" td=""><td>VOC by EPA 8250B with MTBE</td><td>N</td><td></td><td></td></ph>	VOC by EPA 8250B with MTBE	N		
KH30160	LFD8-MW10C-GW-KH30160-REG	20 OCT 2004	17:07 4	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N		
KH30160	LF08-MW10C-GW-KH30160-REG	20 OCT 2004	17:07 1	L HDPE	] 1	HNO3 <ph 2<="" td=""><td>TAL Total Metals by EPA 200.7 / 245.1</td><td>N.</td><td></td><td></td></ph>	TAL Total Metals by EPA 200.7 / 245.1	N.		
KH30160	LF08-MW10C-GW-KH30160-REG	20 OCT 2004	17:07 1	L Amb. Glass	2	None except cool to 4 C	SVOC by EPA 8270C	N		
KH30160	1.F08-MW10C-GW-KH30160-REG	28 OCT 2004	h	L Amb. Glass		None except cool to 4 C	PEST/PCB by EPA 8081A / 8082	N		
KH30160	LF08-MW10C-GW-KH30160-REG	20 OCT 2004		50 ML HDPE	11	H2SO4 <ph 2<="" td=""><td>Ammonia by EPA 350.3</td><td>N</td><td></td><td></td></ph>	Ammonia by EPA 350.3	N		
KH30160	LF08-MW10C-GW-KH30180-REG	20 OCT 2004		50 ML HDPE	11	NaOH>pH 12	Total Cyanide by EPA 335.2	N		
KH30196	FIELDQC-WA-KH30196-TB	20 OCT 2004	<u> </u>	ML VOA Vial	2	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N		

City of Fairborn Quarterly Effluent Monitoring Transmittal Letters



5050 Section Avenue Cincinnati, OH 45212-2025 513.782.4700 Fax: 513.782,4807

August 16, 2004

Mr. Frank Barosky
Water Projects Coordinator
Water Reclamation Center
City of Fairborn
44 West Hebble Avenue
Fairborn, Ohio 45234

Re: Wright-Patterson Air Force Base Landfills 8 and 10 Leachate Discharge System Monitoring Analytical Results: July 2004; Contract No.: F33601-01-D-W002

Dear Mr. Barosky:

Per the Statement of Work for the Long-term Monitoring program being conducted at Wright-Patterson Air Force Base (WPAFB), Shaw Environmental, Inc. (Shaw) is providing the City of Fairborn with the analytical results from the July 28, 2004 sample taken from the leachate discharge system at Operable Unit 1 (Landfills 8 and 10). The effluent sample was collected from the sample tap on the leachate system discharge line located in the meter building. In accordance with the monitoring requirements of the discharge permit specified in Table 4-15 of the Operable Unit 1 Operation and Maintenance Plan (Kelchner, 1997), the following parameters were analyzed: volatile organic compounds, metals, oil and grease, total suspended solids, chemical oxygen demand, and pH. Results of the analyses are presented in Table 1.

Please note that the WPAFB/EMO project manager has changed from Ms. Kim Ehret to Ms. Treva Bashore. If you have any questions or comments on any of the enclosed material, please call me at (513) 782-4823.

Thank you.

Sincerely,

Shaw Environmental, Inc.

Tres Plannon An PG

Site Coordinator

cc: Ms. Treva Bashore, WPAFB/EMO Project Manager

Joe Tyburski, Shaw Project Manager

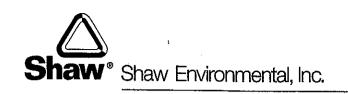
Shaw Project File

Table 1 Analytical Results – LF8 & LF10 Leachate Discharge System Line

Parameter	Compliance Criteria	July 2004 Results
рН		7.4
Total Suspended Solids (mg/L)	250	5.0
Chemical Oxygen Demand (mg/L)	368	37
Oil and Grease (mg/L)		NDª
Metals (mg/L)		
Arsenic	0.093	ND
Cadmium	0.032	ND
Chromium	2.494	ND
Copper	0.716	0.075
Lead	1.198	0.016
Mercury	0.047	ND
Molybdenum	0.108	ND
Nickel	1.501	ND
Selenium	0.238	ND
Zinc	2.200	0.11
Volatile Organic Compounds (μg/L)		
1,2-Dichloroethene (Total)	-	2.2
Benzene		0.26 J
Methylene chloride		ND
Toluene	_	ND

a = Not detected

J = Estimated concentration.



5050 Section Avenue Cincinnati, OH 45212-2025 513.782.4700 Fax: 513.782,4807

December 9, 2004

Mr. Frank Barosky
Water Projects Coordinator
Water Reclamation Center
City of Fairborn
44 West Hebble Avenue
Fairborn, Ohio 45234

Re: Wright-Patterson Air Force Base Landfills 8 and 10 Leachate Discharge System Monitoring Analytical Results: October 2004; Contract No.: F33601-01-D-W002

Dear Mr. Barosky:

Per the Statement of Work for the Long-term Monitoring program being conducted at Wright-Patterson Air Force Base (WPAFB), Shaw Environmental, Inc. (Shaw) is providing the City of Fairborn with the analytical results from the October 21, 2004 sample collected from the leachate discharge system at Operable Unit 1 (Landfills 8 and 10). The effluent sample was collected from the sample tap on the leachate system discharge line located in the meter building. In accordance with the monitoring requirements of the discharge permit specified in Table 4-15 of the Operable Unit 1 Operation and Maintenance Plan (Kelchner, 1997), the following parameters were analyzed: volatile organic compounds, metals, oil and grease, total suspended solids, chemical oxygen demand, and pH. Results of the analyses are presented in Table 1.

If you have any questions or comments on any of the enclosed material, please call me at (513) 782-4970.

Thank you.

Sincerely,

Shaw Environmental. Inc.

Project Manager

cc: Ms. Treva Bashore, WPAFB/EMO Project Manager File (829564)

Table 1 Analytical Results – LF8 & LF10 Leachate Discharge System Line

Parameter	Compliance Criteria	October 2004 Results
PH		7.6
Total Suspended Solids (mg/L)	250	19
Chemical Oxygen Demand (mg/L)	368	30
Oil and Grease (mg/L)	₩₩	NDª
Metals (mg/L)		
Arsenic	0.093	ND
Cadmium	0.032	ND
Chromium	2.494	ND
Copper	0.716	0.080
Lead	1.198	0.0051
Mercury	0.047	ND
Molybdenum	0.108	ND
Nickel	1.501	ND
Selenium	0.238	ND
Zinc	2.200	0.096
Volatile Organic Compounds (µg/L)	**************************************	
1,2-Dichloroethene (Total)		7.59 J
Benzene		0.47 J
Methylene chloride		ND
Toluene		ND

a = Not detected

J = Estimated concentration.

#### Appendix D

#### **OU5** Water Level Monitoring Field Logs

Please Refer to the Enclosed CD LTM Report: October 2004 Field Forms

				TOC	Screened	Log	Well	LEL		PID	Sta	tic Dept	h to Water		
	Well No.	Location	Owner	Elevation	interval	Time	Secure	Readir	ng [	Reading	7	OC	TOPC	Con	nments
				(ft, MSL)	(ft)	(xxxx)	(Y/N)	(%)	_	(ppm)	,	(ft)	(ft)		
1	08-020-M	WPAFB	WPAPB	791.10	11.0 - 21.0			Lost	200		Lost	Los			
2	08-021-M	WPAFB	WPAFB	790.69	13.0 - 23.0			ł	7			7			
3	08-022-M	WPAFB	WPAFB	796.00	26.0 - 36.0										
4	08-023-M	WPAFB	WPAFB	791.74	24.0 - 34.0			- T				j			
5	08-523-M	WPAFB	WPAFB	790.61	5.5 - 15.5										
6	08-524-M	WPAFB	WPAFB	789.78	5.4 - 15.4										
7	08-525-M	WPAFB	WPAFB	791.84	6.0 - 16.5					•					
8	08-526-M	MCD	WPAFB	791.03	6.4 16.4										
	08-527-M	MCD	WPAFB	789.13	6.0 - 16.0										
10	08-528-M	MCD	WPAFB	790.25	7.5 - 17.5										
	CW04-060	WPAFB	WPAFB	792.08	49.7 - 59.7			{							
	CW05-055	WPAFB	WPAFB	793.58	45.0 - 55.0										
13	CW05-085	WPAFB	WPAFB	793.86	75.0 - 85.0										
	CW06-077	WPAFB	WPAFB	793.34	67.0 - 77.0						,				
	CW07-055	WPAFB	WPAFB	791.89	44.5 - 54.5										
	CW07-100	WPAFB	WPAFB	791.76	90 - 100		·								
	CW08-017	WPAFB	WPAFB	792.79	7.3 - 17.3										
18	CW08-055	WPAFB	WPAFB	792.86	44.7 - 54.7			- 1							
19	CW08-110	WPAFB	WPAFB	791.39	100 - 110										
20	CW09-073	MCD	WPAFB	791.32	63 - 73							-	•		
21	CW10-055	MCD	WPAFB	792.30	45.0 - 55.0			· · · · · · · · · · · · · · · · · · ·						River	
22	CW12-085	WPAFB	WPAFB	789.98	75 - 85										,
23	CW13-085	WPAFB	WPAFB	791.63	75 - 85										
24	CW15-055	MCD	WPAFB	792.09	45.0 - 55.0						(			River	
25	CW21-040	WPAFB	WPAFB	795.31	30.0 - 40.0						4	,			
26	MW130S	MCD	Dayton	792.49	29 - 39	1057	Y	_			゚゚゙ヽ゚	1.30		From	City
27	MW131M	MCD	Dayton	787.31	58.3 - 68.3	1050	У	_		_	1.7	7.02		10	Day ten
28	MW131D	MCD	Dayton	788.32	105.4 - 115.4	1053	<b>)</b>	-			17	7.90			1.1
29	MW132S	MCD	Dayton	789.78	38.5 - 48.5	1041	Ý	_		-	N				
30	MW133S	MCD	Dayton	789.66	43.4 - 53.4	1109	Y	1			20	44			
31	MW133D	MCD	Dayton	789.03	59.5 - 69.5	1113	· ·	-		~	19	92			
32	HD-10D	MCD	Dayton	792.99		1005	Ý	~		-	22	.92	-		
33	HD-11D	MCD	Dayton	791.61		10/2	Y					.60			
34	HD-12S	MCD	Dayton	791.31	14.0 - 24.0	1025				_	13.7	TOP			
35	HD-12M	MCD	Dayton	792.21		1028			- 1		21.	22	_		
	HD-13D	MCD	Dayton	790.09	96-106	1019	<u>`</u>				20	.08		Mad	Mon. 127
37	HD-13S	MCD	Dayton	789.30	22.5 - 32.5	1017	_ ′⁄	-			Bir	di Ne	s t		
38	HD-14S	MCD	Dayton	790.69		1036	7	_	.		2,7	.53		1	
39	TTW-01	WPAFB	WPAFB	791.46								Log		-	
	EW-1	WPAFB	WPAFB	810.42	9.5 - 73.5		··					i		Must clir	nb tower

TOC = Top of casing
TOPC = Top of protective casing

MCD = Miami Conservancy Distsrict

### OU5 Monthly Water Levels for the LTM Program Wright-Patterson AFB, Ohio

Shaw Personnel: Greg Plamenden

Page 1 of 2

Date: <u>6/29/04</u>

		1		Log	Well	Static Dept	h to Water	LEL	PID	TOC	Screened	
	1	Owner	Well No.	Time	Secure	TOC	TOPC	Reading	Reading	Elevation	Interval	Comments
	Location	CMITE		(xxxx)	(Y/N)	(ft)	(ft) .	(%)	(ppm)	(ft, MSL)	(ft)	
, <u> </u> -	MOAED	MOAER	08-020-M			18,28				791.10	11 - 21	
1	WPAFB		08-021-M	· · · · · ·	<del></del>	18,70				790.69	13 - 23	
2  -	WPAFB		08-021-M	1327	· V	21.69				796.00	26 - 36	
3	WPAFB		08-022-W	1	6	10.40	,			791.74	24 - 34	
4  -	WPAFB	<del></del>		1250	<del>  .                                   </del>	Day				790.61	5.5 - 15.5	·
5	WPAFB		08-523-M 08-524-M		<del>                                     </del>	11. /22				789.78	5.4 - 15.4	
6  -	WPAFB			·	ļ <u></u>	15.44	!			791.84	6.0 - 16.5	
7	WPAFB		08-525-M 08-526-M		ļ					791.03	6.4 - 16.4	
8	MCD			-	<del> </del>	Dry				789.13	6.0 - 16	
9  _	MCD	<u> </u>	08-527-M	1 .1	<del></del>	Day				790.25	7.5 - 17.5	
10	MCD		08-528-M	\$ 45	<del>                                     </del>	18.09				792.08	49.7 - 59.7	
11	WPAFB	WPAFB		<del>                                     </del>	ļ	20.15	<u> </u>			793.58	45 - 55	
12	WPAFB		CW05-055		· · ·					793.86	75 - 85	
13  _	WPAFB		CW05-085			22.65				793.34	67 - 77	
14  _	WPAFB		CW06-077			20.42				791.89	44.5 - 54.5	
15 _	WPAFB		CW07-055		· · · · · · · · · · · · · · · · · · ·	18.49	· · · · · · · · · · · · · · · · · · ·			791.76	90 - 100	
16	WPAFB	1	CW07-100			14.01				792.79	7:3 - 17.3	
17 📙	WPAFB		CW08-017	<u> </u>	<u> </u>	15.83	<del>`</del>	· · ·		792.86	44.7 - 54.7	
18	WPAFB	1	CW08-055		·	13.67				791.39	100 - 110	•
19 📙	WPAFB	1	CW08-110		- N	12.57				791.32	63 - 73	
20	MCD		CW09-073			20.02				792.30	45 - 55	River
21	MCD	i	CW10-055		<u> </u>	22.58				789.98	75 - 85	By 08-523
22 _	WPAFB		CW12-085	;		9.78	•			791.63	75 - 85	By 08-023
23 🗌	WPAFB	<u> </u>	CW13-085	1252	<b>&gt;</b>	9,58	·		<u> </u>	791.03	45 - 55	River
24	MCD		CW15-055			20.7		,			30 - 40	1 4 7 4 7
25	WPAFB	<u> </u>	CW21-040	·		12.07	·.			795.31		
26	WPAFB	WPAFB	CW22-018	1300	<b>Y</b>	17.70		· _	<u> </u>	793.80	8.0 - 18	SE End of Gravel Lake
27	WPAFB	WPAFB	P17-1	13 18	<b>&gt;</b>	10.30			L	792.47	4.1 - 9.4	OE END OF GRAVEL LAKE

# OU5 Monthly Water Levels for the LTM Program Wright-Patterson AFB, Ohio Page 2 of 2

Shaw Personnel:	 ,		Date:	6/29/08	

• 1				Log	Well	Static Dept	h to Water	LEL	PID	TOÇ	Screened	
	Location	Owner	Well No.	Time (xxxx)	Secure (Y/N)	TOC (ft)	TOPC (ft)	Reading (%)	Reading (ppm)	Elevation (ft, MSL)	Interval (ft)	Comments
28	MCD	Dayton	MW130S			19.31		,		792.49	29 - 39	
29	MCD		MW131M			15.04				787.31	58.3 - 68.3	
30	MCD	Dayton	MW131D			15.91				788.32	105 - 115	
31	MCD	Dayton	MW132S			19.20				789.78	38.5 - 48.5	
32	MCD	Dayton	MW133S			18.3/				789.66	43.4 - 53.4	
33	MCD	Dayton	MW133D			12.80	•			789.03	59.5 - 69.5	
34	MCD	Dayton	HD-10D	1010	У	20.97				792.99	59 - 69	
35.	MCD	Dayton	HD-11D			19.61				791.61	71 - 81	
36	MCD	Dayton	HD-12S							791.31	14 - 24	BTOP
37	MCD	Dayton	HD-12M			19,26				792.21	44 - 54	
38	MCD	Dayton	HD-13S							789.30	22.5 - 32.5	Birds Nest
39	MCD	Dayton	HD-13D			18.68				790.09	96 - 106	Mad Mon. 127
40	MCD	Dayton	HD-14S			20.41				790.69	22.5 - 32.5	
41	WPAFB	WPAFB	TTW-01	-		20.00				791.46	45 - 65	•
42	WPAFB	WPAFB	EW-1			38.70				810.42	9.5 - 73.5	Must climb tower
43	E. Twin Lake	WPAFB	PZ-1			14.77				789.77	14 - 24	
44	W. Twin Lake	WPAFB	PZ-2			17,00				790.33	13 - 28	
45	E. Twin Lake	WPAFB	PZ-3	1332	У	14.70				790.05	14 - 24	
46	Gravel Lake	WPAFB	PZ-4	1352		7.98				792.87	5.0 - 10	
47	Gravel Lake	WPAFB	PZ-5			5,52				790.66	2.0 - 7.0	Iก Wetland Area

TOC = Top of casing
TOPC = Top of protective casing

MCD = Miami Conservancy Distsrict PZ = Piezometer

## OU5 Monthly Water Levels for the LTM Program Wright-Patterson AFB, Ohio Page 2 of 2

	1		Log	Well	Static Dept	h to Water	LEL	PID	TOC	Screened	
Location	Owner	Well No.	Time (xxxx)	Secure (Y/N)	TOC (ft)	TOPC (ft)	Reading (%)	Reading (ppm)	Elevation (ft, MSL)	Interval (ft)	Comments
8 MCD	Dayton	MW130S	1110	Y	21.01				792.49	29 - 39	
MCD	Dayton	MW131M	1100	· <b>Y</b>	16.86				787.31	58.3 - 68.3	
MCD		MW131D	1103	7	17.7/				788.32	105 - 115	
1 MCD	<del></del>	MW132S	1052	Y	21.07				789.78	38.5 - 48.5	
2 MCD		MW133S	1005	Y	20.19				789.66	43.4 - 53.4	
MCD		MW133D	1008	У	19.65				789.03	59.5 - 69.5	
4 MCD	<del></del>	HD-10D	1015	<b>'</b> Y	22.77				792.99	59 - 69	
MCD	<del></del>	HD-11D	1028	У	21.39		1		791.61	71 - 81	
MCD		HD-12S	1035	4	BTOP				791.31	14 - 24	
MCD		HD-12M	1038	ابر	21.00		·		792.21	44 - 54	
MCD	Dayton	<del>                                     </del>	1025	8	19.07				789.30	22.5 - 32.5	
MCD	<del></del>	HD-13D	1021	y	19.94				790.09	96 - 106	Mad Mon. 127
MCD	<del></del>	HD-14S	1045	٧	22,27	· ·			790.69	22.5 - 32.5	
WPAFB	WPAFB		1435	y	24.14			•	791.46	45 - 65	
WPAFB	WPAFB	I	1441	· 'Y	39.60				810.42	9.5 - 73.5	Must climb tower
E. Twin Lake	WPAFB		1424	N	15.98				789.77	14 - 24	
W. Twin Lake			1427	a	18.30		,	.	790.33	13 - 28	•
E. Twin Lake	<del></del>	PZ-3	1421	N	15.76				790.05	14 - 24	
Gravel Lake	WPAFB		1407	N	8.34		. —		792.87	5.0 - 10	
Gravel Lake	WPAFB		140	N	5.87				790.66	2.0 - 7.0	in Wetland Area

TOC = Top of casing
TOPC = Top of protective casing

MCD = Miami Conservancy District PZ = Piezometer

# OU5 Monthly Water Levels for the LTM Program Wright-Patterson AFB, Ohio Page 1 of 2

Shaw Personnel: Greg Plamonelas

of 2 Date: July 29, 2004

٠ ١				Log	Well	Static Dep	th to Water	LEL	PID	TOC	Screened	
	Location	Owner	Well No.	Time	Secure	TOC	TOPC	Reading:	Reading	Elevation	interval	Comments
	Location	, , , , ,		(xxxxx)	(Y/N)	(ft)	(ft)	(%)	(ppm)	(ft, MSL)	(ft)	
1	WPAFB	WPAFB	08-020-M	1485	¥	19.44		· .		791.10	11 - 21	
2	· WPAFB		08-021-M	1450	٠ ٧	19.92				790.69	13 - 23	
3	WPAFB	<del></del>	08-022-M	1419	<i>y</i>	22.82				796.00	26 - 36	
4	WPAFB		08-023-M	1351	90	10.78				791.74	24 - 34	
5	WPAFB		08-523-M	1340	7	Dry				790.61	5.5 - 15.5	
6	WPAFB	<del></del>	08-524-M	1512	4	12100				789.78	5.4 - 15.4	
7	WPAFB		08-525-M	1511	À	16.27			4	791.84	6.0 - 16.5	
8	MCD	·	08-526-M	1088	У	D	The same of the sa			791.03	6.4 - 16.4	
9	MCD	<del></del>	08-527-M	1057	1	Dry	WL:		Action of the Colonial Colonia	789.13	6.0 - 16	
10	MCD	<del></del>	08-528-M	1058	Ý	D.		-	٠.	790.25	7.5 - 17.5	
11	WPAFB		CW04-060	1430	·	21.45				792.08	49.7 - 59.7	·
12	WPAFB		CW05-055	1445	×	22.90		·		793.58	45 - 55	
13	WPAFB		CW05-085	1448	<del>- /</del>	~				793.86	75 - 85	Baby Blads
14	WPAFB		CW06-077	1500		21.56			·	793.34	67 - 77	/
15	WPAFB		CW07-055	1502	Y	19.11	<u></u>			791.89	44.5 - 54.5	• • • • • • • • • • • • • • • • • • • •
16	WPAFB		CW07-100	1504	Y	14.16				791.76	90 - 100	
17	WPAFB		CW08-017	1526	<b>(</b>	16.70				792.79	7.3 - 17.3	
18	WPAFB		CW08-055	1522	6	13.87		· ·		792.86	44.7 - 54.7	
19	WPAFB		CW08-110	1520	· 😾	12.71				791.39	100 - 110	
20	MCD		CW09-073	0217	<del></del>	21.82			-	791.32	63 - 73	
21	MCD		CW10-055	0905	<b>Y</b>	24.45			<del></del>	792.30	45 - 55	River
22	WPAFB		CW12-085	/337	<u> </u>	10.11	, 3.	· · · · · · · · · · · · · · · · · · ·		789.98	75 - 85	By 08-523
23	WPAFB		CW13-085	1337	N	98.88				791.63	75 - 85	By 08-023
F	MCD				<u> </u>	22,57	1480			792.09	45 - 55	River
24	WPAFB		CW15-035 CW21-040	090/2	<del>-</del>	17,7/			<del></del>	795.31	30 - 40	
25	WPAFB		CW21-040 CW22-018	1400	<del></del>	18.23			•	793.80	8.0 - 18	
26	WPAPB		D17-1	1405	<del>- ⁄-</del>	10.45				792.47	4.1 - 9.4	SE End of Gravel Lake

#### **OU5 Monthly Water Levels for the LTM Program** Wright-Patterson AFB, Ohio

Page 1 of 2

Shaw Personnel: G. PLAMSNOON

Date: 8/31/04 B. UHL PID TOC Screened LEL Static Depth to Water Well Log Comments Interval Reading Elevation TOPC Reading TOC **Time** Secure Well No. Location Owner (ft, MSL) (ft) (%) (ppm) (ft) (ft) (Y/N) (xxxxx)11 - 21 791.10 WPAFB | 08-020-M 1320 9.59 **WPAFB** 13 - 23 790.69 20,03 WPAFB 108-021-M 1310 2 **WPAFB** 26 - 36 796.00 23.16 WPAFB | 08-022-M 1303 **WPAFB** 3 24 - 34 791.74 1,06 WPAFB | 08-023-M 1244 **WPAFB** 5.5 - 15.5 790.61 WPAFB | 08-523-M **WPAFB** 5 5.4 - 15.4 789.78 12.40 WPAFB 08-524-M 1330 **WPAFB** 6 6.0 - 16.5791.84 WPAFB | 08-525-M 16.55 1.326 7 **WPAFB** 791.03 6.4 - 16.4 WPAFB | 08-526-M 1105 8 MCD 6.0 - 16789.13 WPAFB | 08-527-M 1110 MCD 9 790.25 7.5 - 17.5 WPAFB 08-528-M 1100 10 MCD 49.7 - 59.7 179 792.08 WPAFB CW04-060 1307 **WPAFB** 11 793.58 45 - 55 22.65 WPAFB | CW05-055 1313 WPAFB 12 75 - 85 793.86 1315 WPAFB | CW05-085 13 **WPAFB** 67 - 77 793.34 WPAFB | CW06-077 1321 21.66 **WPAFB** 14 44.5 - 54.5 791.89 WPAFB | CW07-055 1324 19.38 **WPAFB** 15 90 - 100791.76 14.37 WPAFB | CW07-100 1326 **WPAFB** 16 792.79 7.3 - 17.3 7.03 **WPAFB | CW08-017** 1340 **WPAFB** 17 44.7 - 54.7 792.86 WPAFB | CW08-055 1336 14.06 **WPAFB** 18 100 - 110 791.39 WPAFB | CW08-110 1334 12.90 **WPAFB** 19 63 - 73791.32 WPAFB | CW09-073 22.04 1057 MCD 20 45 - 55 River 792.30 WPAFB CW10-055 24.69 1121 MCD 21 75 - 85 By 08-523 789.98 WPAFB | CW12-085 10.35 1239 **WPAFB** 22 791.63 75 - 85 By 08-023 WPAFB | CW13-085 1243 **WPAFB** 23 45 - 55 River. 792.09 WPAFB | CW15-055 22.80 1108 MCD 24 30 - 40795.31 WPAFB | CW21-040 1741 18.03 **WPAFB** 25 8.0 - 18793.80 WPAFB | CW22-018 18:50 **WPAFB** 12.48 26

4.1 - 9.4

792.47

SE End of Gravel Lake

27

**WPAFB** 

WPAFB P17-1

1255

### OU5 Monthly Water Levels for the LTM Program Wright-Patterson AFB, Ohio Page 2 of 2

Shaw Personnel: Greg Plamondin

Date: 8/31/04

				Log	Well	Static Dept	th to Water.	LEL	PID	TOC	Screened	
	Location	Owner	Well No.	Time (xxxx)	Secure (Y/N)	TOC (ft)	TOPC (ft)	Reading (%)	Reading (ppm)	Elevation (ft, MSL)	interval (ft)	Comments
28	MCD	Dayton	MW130S	1043	·×	21,15				792.49	29 - 39	
29	MCD	Dayton	MW131M	1040	4	17.01				787.31	58.3 - 68.3	
30	MCD	Dayton	MW131D	1038	Y	17.90				788.32	105 - 115	
31	MCD	Dayton	MW132S	/033	ý	21.32				789.78	38.5 - 48.5	
32	MCD	Dayton	MW133S	1006	Y	20.48				789.66	43.4 - 53.4	
33	MCD	Dayton	MW133D	1008	Y	19.97				789.03	59.5 - 69.5	
34	MCD	Dayton	HD-10D	10/2	Υ	23,20				792.99	59 - 69	
35	MCD	Dayton	HD-11D	1022	X	21.20				791.61	71 - 81	
36	MCD	Dayton	HD-12S	1026	À	21,15	908.			791.31	14 - 24	
37	MCD	Dayton	HD-12M	1024	X	BTOP 4				792.21	44 - 54	
38	MCD	Dayton	HD-13S	10/6	X	19.30				789.30	22.5 - 32.5	
39	MCD	Dayton	HD-13D	1020	У	20.15				790.09	96 - 106	Mad Mon. 127
40	MCD	Dayton	HD-14S	1030	У	22,55				790.69	22.5 - 32.5	
41	WPAFB	WPAFÉ	TTW-01	1308	У	20.04 "	,			791.46	45 - 65	
42	WPAFB	WPAFB	EW-1	1420	7	100	39.48			810.42	9.5 - 73.5	Must climb tower
43	E. Twin Lake	WPAFB	PZ-1	1304	N	18.36				789.77	14 - 24	
44	W. Twin Lake	WPAFB	PZ-2	1305	N	18.74				790.33	13 - 28	
45	E. Twin Lake	WPAFB	PZ-3	1300	N	16.19				790.05	14 - 24	
46	Gravel Lake	WPAFB	PZ-4	1250	W	8.60				792.87	5.0 - 10	
47	Gravel Lake	WPAFB	PZ-5	1253	N	6.12				790.66	2.0 - 7.0	In Wetland Area

TOC = Top of casing
TOPC = Top of protective casing

MCD = Miami Conservancy Distsrict

PZ = Piezometer

DON- 10/14

### OU5 Monthly Water Levels for the LTM Program Wright-Patterson AFB, Ohio

Page 1 of 2

Shaw Personnel: Greg Plamondon

Date: <u>9/30/04</u>

Г	·	<u> </u>	-	Log	Well	Static Dept	h to Water	LEL	PID	TOC	Screened	
	Location	Owner	Well No.	Time	Secure	TOC	TOPC	Reading	Reading	Elevation	Interval	Comments
- 1				(xxxx)	(Y/N)	(ft)	(ft)	(%)	(ppm)	(ft, MSL)	(ft)	
<b>1</b>	WPAFB	WPAFB	08-020-M	1153.	У	19.76				791.10	11 - 21	
2	WPAFB		08-021-M	M48	y	20.28				790.69	13 - 23	
3	WPAFB		08-022-M	0945	Y	23.07				796.00	26 - 36	
4	WPAFB	<u> </u>	08-023-M	0927	У	10,2846				791.74	24 - 34	
5	WPAFB	<del> </del>	08-523-M	0924	/y	Dry				790.61	5.5 - 15.5	
6	WPAFB		08-524-M	1214	У	12,31				789.78	5.4 - 15.4	
7	WPAFB	<u> </u>	08-525-M	1210	À	16.83				791.84	6.0 - 16.5	
8	MCD	<del></del>	08-526-M	1168	×	Dry				791.03	6.4 - 16.4	
9	MCD	<u> </u>	08-527-M	1115	)·	Dry				789.13	6.0 - 16	
10	MCD	<b></b>	08-528-M	1110	У	D.				790.25	7.5 - 17.5	
11	WPAFB	<del> </del>	CW04-060	1143	У	21,51				792.08	49.7 - 59.7	
12	WPAFB	WPAFB	CW05-055	1150	Y	23.62				793.58	45 - 55	
13	WPAFB	WPAFB	CW05-085	1151	Ý	24.07				793.86	75 - 85	
14	WPAFB	WPAFB	CW06-077	1154	У	21.88				793.34	67 - 77	
15	WPAFB	WPAFB	CW07-055	1201	·	19.84				791.89	44.5 - 54.5	
16	WPAFB	<del>                                     </del>	CW07-100	1204	, ,	15.71				791.76	90 - 100	
17	WPAFB	WPAFB	CW08-017	1211	У	17.04				792.79	7.3 - 17.3	
18	WPAFB	WPAFB	CW08-055	1208	. /	15,24				792.86	44.7 - 54.7	
19	WPAFB	WPAFB	CW08-110	1220	У	14,39				791.39	100 - 110	
20	MCD	<u> </u>	CW09-073	1054	7	21.86				791.32	63 - 73	
21	MCD		CW10-055	1118	У	24.34				792.30	45 - 55	River
22	WPAFB		CW12-085	0927	<b>Y</b>	11.03				789.98	75 - 85	By 08-523
23	WPAFB	***	CW13-085	0928	Ä	11,28				791.63	75 <b>-</b> 85	By 08-023
24	MCD		CW15-055	1113	*	22.53				792.09	45 - 55	River
25	WPAFB		CW21-040	0930	Y	18.11				795.31	30 - 40	
26	WPAFB		CW22-018	0935	Ý	18.56				793.80	8.0 - 18	
27	WPAFB	WPAFB	P17-1	1933	И	10,90				792.47	4.1 - 9.4	SE End of Gravel Lake

### OU5 Monthly Water Levels for the LTM Program Wright-Patterson AFB, Ohio Page 2 of 2

Shaw Personnel: Grey Planender Date: 9/30/04

		<del>//y</del> _	14 Have	Log	Well	Static Dept	h to Water	LEL	PID	TOC	Screened	
	Location	Owner	Well No.	Time	Secure	TOC	TOPC	Reading	Reading	Elevation	Interval	Comments
				(xxxx)	(Y/N)	(ft)	(ft)	(%)	(ppm)	(ft, MSL)	(ft)	
28	MCD	Dayton	MW130S	1046	y	21.11				792.49	29 - 39	
29	MCD	Dayton	MW131M	1041	. <del>`</del> >	17.04				787.31	58.3 - 68.3	
30	MCD	Dayton	MW131D	1043	Y	17.88				788.32	105 - 115	
31	MCD	Dayton	MW132S	1036	y	21.02				789.78	38.5 - 48.5	
32	MCD	Dayton	MW133S	1009	Ż	20,06				789.66	43.4 - 53.4	
33	MCD	Dayton	MW133D	1010	У	19.57				789.03	59.5 - 69.5	
34	MCD	Dayton	HD-10D	1015	У	22.81				792.99	59 - 69	
35	MCD	Dayton	HD-11D	ルスス	Y	21.68				791.61	71 - 81	
36	MCD	Dayton	HD-12S	1025	γ	BTOP				791,31	14 - 24	
37	MCD	Dayton	HD-12M	1026	У	21,30				792.21	44 - 54	
38	MCD	Dayton	HD-13S	1020	У	20.06	19,21			789.30	22.5 - 32.5	
39	MCD	Dayton	HD-13D	1018	ý	1921	20.06			790.09	96 - 106	Mad Mon. 127
40	MCD	Dayton	HD-14S	1034	У	22,14				790.69	22.5 - 32.5	
41	WPAFB	WPAFB	TTW-01	1145	4	21.67				791.46	45 - 65	
42	WPAFB	WPAFB	EW-1	1154	7	42.26				810.42	9.5 - 73.5	Must climb tower
43	E. Twin Lake	WPAFB	PZ-1	1142	N	16.16		·		789.77	14 - 24	
44	W. Twin Lake	WPAFB	PZ-2		N	18.33				790.33	13 - 28	
45	E. Twin Lake	WPAFB	PZ-3	1146	//	15.96				790.05	14 - 24	
46	Gravel Lake	WPAFB	PZ-4		N	8,71				792.87	5.0 - 10	
47	Gravel Lake	WPAFB	PZ-5		N/	6.22				790.66	2.0 - 7.0	In Wetland Area

TOC = Top of casing
TOPC = Top of protective casing

MCD = Miami Conservancy Distsrict PZ = Piezometer

### OU5 Monthly Water Levels for the LTM Program Wright-Patterson AFB, Ohio

Shaw Personnel: Gree Plane les

Page 1 of 2

Date: 10/27/04

Г			T	Log	Well	Static Dept	h to Water	LEL	PID	TOC	Screened	
	Location	Owner	Well No.	Time (xxxx)	Secure (Y/N)	TOC (ft)	TOPC (ft)	Reading (%)	Reading (ppm)	Elevation (ft, MSL)	Interval (ft)	Comments
H	WPAFB	WPAFB	08-020-M	1356	У	19.12				791.10	11 - 21	
$\vdash$	WPAFB		08-021-M	1338	Ý	19.67				790.69	13 - 23	
t	WPAFB		08-022-M	1330	У	22.65	•			796.00	26 - 36	
$\vdash$	WPAFB	<del> </del>	08-023-M	1311	Y	10.81				791.74	24 - 34	· · · · · · · · · · · · · · · · · · ·
r	WPAFB	<del> </del>	08-523-M	1305	У	Day			·	790.61	5.5 - 15.5	
r	WPAFB	<del> </del>	08-524-M	1415	У	11.95				789.78	5.4 - 15.4	
H	WPAFB	<del></del>	08-525-M	1410	Y	16.21				791.84	6.0 - 16.5	
H	MCD		08-526-M	1051	y	Dry				791.03	6.4 - 16.4	
H	MCD		08-527-M	1055	У	Dry				789.13	6.0 - 16	
┝	MCD		08-528-M	1/06	у	D <sub>v</sub>				790.25	7.5 - 17.5	
┞	WPAFB		CW04-060	/353	У	21.05				792.08	49.7 - 59.7	
H	WPAFB		CW05-055	1340	У	22.89				793.58	45 - 55	
┝	WPAFB	<del></del>	CW05-085	1342	Y	23.31				793.86	75 - 85	
H	WPAFB		CW06-077	1400	<i>y</i>	21.24				793.34	67 - 77	
H	WPAFB		CW07-055	1405	У	19.20				791.89	44.5 - 54.5	
H	WPAFB		CW07-100	1407	×	15.10		-		791.76	90 - 100	
┝	WPAFB		CW08-017	1427	Y	16,64				792.79	7.3 - 17.3	
H	WPAFB	1	CW08-055	1423	У	14.67	,			792.86	44.7 - 54.7	
H	WPAFB		CW08-110	1420	Y	13.77				791.39	100 - 110	<u> </u>
H	MCD		CW09-073	//-	У —	21.11				791.32	63 - 73	
$\vdash$	MCD		CW10-055	<del></del>	Y	23,50	···			792.30	45 - 55	River
H	WPAFB		CW12-085	13.00	y	10.40				789.98	75 - 85	By 08-523
┝	WPAFB	l	CW13-085	13/0	/ <del>~</del>	9.97				791.63	75 - 85	By 08-023
$\vdash$	MCD		CW15-055	13/0	<del>/</del>	21.76	<u></u>			792.09	45 - 55	River
H	WPAFB		CW21-040	1315	<del>                                     </del>	17.65				795.31	30 - 40	
ŀ	WPAFB	1	CW22-018	1	Y	18.21				793.80	8.0 - 18	
-	WPAFB	WPAFB		1319	<del></del>	10.43		<del> </del>		792.47	4.1 - 9.4	SE End of Gravel I

### OU5 Monthly Water Levels for the LTM Program Wright-Patterson AFB, Ohio Page 2 of 2

Shaw Personnel: Greg Plamondon

Date: 10/27/04

	,			Log	Well	Static Dept	h to Water	LEL	PID	TOC	Screened	
	Location	Owner	Well No.	Time (xxxx)	Secure (Y/N)	TOC (ft)	TOPC (ft)	Reading (%)	Reading (ppm)	Elevation (ft, MSL)	Interval (ft)	Comments
28	MCD	Dayton	MW130S			20,40	,			792.49	29 - 39	
29	MCD	Dayton	MW131M			16.41				787.31	58.3 - 68.3	
30	MCD	Dayton	MW131D			17,24				788.32	105 - 115	
31	MCD	Dayton	MW132S			20.30				789.78	38.5 - 48.5	
32	MCD	Dayton	MW133S	1005		19.47				789.66	43.4 - 53.4	
33	MCD	Dayton	MW133D	1007		18,98				789.03	59.5 - 69.5	
34	MCD	Dayton	HD-10D			22.34				792.99	59 - 69	
35	MCD	Dayton	HD-11D			21.02				791.61	71 - 81	
36	MCD	Dayton	HD-12S			BTOR				791.31	14 - 24	
37	MCD	Dayton	HD-12M			20.67				792.21	44 - 54	
88	MCD	Dayton	HD-13S			19.51	<u>.</u>			789.30	22.5 - 32.5	
39	MCD	Dayton	HD-13D			18.67				790.09	96 - 106	Mad Mon. 127
ю	MCD	Dayton	HD-14S			21.49				790.69	22.5 - 32.5	
1	WPAFB	WPAFB	TTW-01	1338	٧	20.98				791.46	45 - 65	
2	WPAFB	WPAFB	EW-1		1/	41.09				810.42	9.5 - 73.5	Must climb tower
3	E. Twin Lake	WPAFB	PZ-1	1335	N	15.74				789.77	14 - 24	,
4	W. Twin Lake	WPAFB	PZ-2	1337	N	17.92				790.33	13 - 28	
5	E. Twin Lake	WPAFB	PZ-3	1336	N	15,59				790.05	14 - 24	
6	Gravel Lake	WPAFB	PZ-4	1320	N	8.32				792.87	5.0 - 10	
7	Gravel Lake	WPAFB	PZ-5	1324	$\mathcal{L}$	5.85				790.66	2.0 - 7.0	In Wetland Areá

TOC = Top of casing
TOPC = Top of protective casing

MCD = Miami Conservancy Distsrict PZ = Piezometer

#### Appendix E

#### **OU4 Soil Gas Monitoring Field Logs**

Please Refer to the Enclosed CD LTM Report: October 2004 Field Forms

#### Attachment 2

#### OU4 - Landfill 6 and 7 Soil Gas Monitoring Log

Date: 7/2 6/04 Temp:	Meter Model: 6EM 90
Atmospheric Pressure: 29.3	Cal.Gas Type: So% см 35%со; Exp. Date:
	4% 02
	Gas Conc.:
Samplers: KH	Methane:
	CO <sub>2</sub> : NA Meter Reading:
<del></del> -	N <sub>2</sub> : Meter Reading: ,
•	NA .

Location	Purge Start Time	Sample Time	CO <sub>2</sub> %	O <sub>2</sub> %	СН4%	LEL%	Comments
LG-1	1334	1335	_N/A	19,1	6	6	
LG-2	1320	1321		19,2	Q	O	
LG-3	1324	1325		19.1	Ö	S	
LG-6	1315	1317		14.1	0	0	
LG-7	1310	1311		19.1	0	C	
LG-8	1340	134(		19,2	O	0	
LG-9	1345	(347		19.5	O	0	
LG-10	1351	1352		19.2	O	0	
Bldg 878A SE	1355	1356		19.1	0	0	Inside bldg.
Bldg 878A NW	1357	1358		19.0	O	0	Inside bldg.

#### Notes:

- 1. Calibration gas required: Methane, CO2, and N2 mixture
- 2. Regulator required: 0.5 L per minute
- 3. Tubing type: Tygon
- 4. For access to Buildings 877 and 878 check in at west end of Building 876.

#### Attachment 2

#### OU4 - Landfill 6 and 7 Soil Gas Monitoring Log

Date: 9/30/04 Temp: 73°F	Meter Model: Land Tec
Atmospheric Pressure: 29.4	Cal.Gas Type:, Exp. Date:
Samplers: Grea Plamonton Kyle Havens	Gas Conc.:  Methane: Meter Reading:  CO <sub>2</sub> : Meter Reading:  N <sub>2</sub> : Meter Reading:  NA

Location	Purge Start Time	Sample Time	CO <sub>2</sub> %	O <sub>2</sub> %	CH <sub>4</sub> %	LEL%	Comments
LG-I	1420	1422	5.3	16.8	0	0	
LG-2	1430	1432	6.0	14.0	10	0	
LG-3	1438	1440	3.7	17.5	0	0	
LG-6	1336	1338	5.2	15.5	0	0	
LG-7	1330	1332	1.2	192	Ø	O	
LG-8	1344	1346	1,4	18.4	0	0	
LG-9	1351	1353	3,1	14.2	0	0	
LG-10	1359	1403	7.5	1.5	2.2	44	
Bldg 878A SE	1405	1409	19.2	10.2 00	Ø	0	Inside bldg
Bldg 878A NW	1412	1414	79.2	(A, Z	0	0	Inside bldg.

#### Notes:

- 1. Calibration gas required: Methane, CO2, and N2 mixture
- 2. Regulator required: 0.5 L per minute
- 3. Tubing type: Tygon
- 4. For access to Buildings 877 and 878 check in at west end of Building 876.

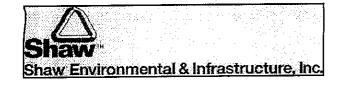
#### Appendix F

#### **OU2 Field Forms**

- F1 OU2 Groundwater Purge Logs and Groundwater and Soil Gas Sample Collection Forms
- F2 OU2 Chain of Custody Records
- F3 OU2 Water Level Field Log

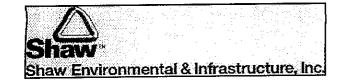
Please Refer to the Enclosed CD LTM Report: October 2004 Field Forms

#### OU2 Groundwater Purge Logs and Groundwater and Soil Gas Sample Collection Forms

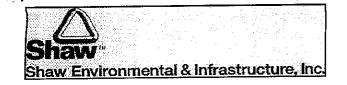


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SITE ID:	OU2 - R	OD		WELL ID: _	04-	016-	<u> </u>	SAMPLE N	UMBER:	THE	30045
Samplers: _	50/9	5W		Well Secure	• (Y/N)	1	W	ell Casing Di	ameter :	The	in.
Purging Meth	nod / Equipme	nt: <u>Micropur</u>	1e/ bladd	oN_	Targe	et Purge Volu	ıme:	2gal.	Ferrous Iron:	<u>&gt; 13</u>	3.2 mg/L
											ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) MS/CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/2/0	1 1500		8.91	tnit	18,32	6.86	0.919	20.0	-170		clear
1-1-1-	1505		8.99	0.5	7.32	6.70	0.927	0	-183	0.55	
	1510		9,85	0,9	17.41	6,77	0,929	0	785	0.50	
	1515	-	8,84	1,2	17.34	6,77	0.925	<u> </u>	-186	0.37	
	1520		8.84	106	16.25	6.78	6,925	82	-1997		
	1525		8,28	2.2	16.12	678	0.922	5,5	-197		
	1530		8,99	2,4	16.02	6.79	0.921	6.8	-188	0.25	
	1535		8,88	2.8	16.14	679	0,919	0,8	-188	0.25	
	1537	Col	lect sa	mole							
	1545		ଓ, ବର୍ଚ୍ଚି	Anal	16.65	6,77	0,939	0	-156	3.71	
Test Parame	eters (Circle A	Applicable):	(VOC (HCII)	Total Meta	ıls (HNO₃) Fil	tered Metals	i (HNO₃) Me	ethane/Ethan	e/Ethene (H	Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
SV		esticides / Po	<b>\</b>		Ammo						
			cable): None	_	•						
Sample Coll	ection Date:	10/7	04	_ Sample (	Collection Time	e: <u>/5</u>	<u>st</u>	Prepare	ed by:		<u> </u>

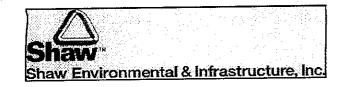


SITE ID: _	OU2 - I	ROD		_WELL ID: _	NEA-	MWZ	<u>2</u> -2S	SAMPLE N	UMBER:	TH 3	0048	
Samplers:	monule	UBUNI		Well Secure	e (Y/N)	<del>/</del>	w	ell Casing Di	ameter :	2	in.	
Purging Mo	ethod / Equipm	ent: <u>Micropura</u>	e/Bladde	Aun	P Targe	et Purae Vali	ume:	oai.	Ferrous Iron:	2.6	28 mg/L	,
Sounding (	Depth to Well	Bottom):	20		_ft.	Static	Water Level (	Depth to Wat	er):9	<u>. ۲۶.۶</u>	no measureable product layer d	etected
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
10/03	w 1030		9.95	Frital	17.71	6.95	0999	12,9	-111		fuel odor	
	1035		9.910	0.3	12.88	6.88	0.9.90	20.1	-121		black-floaties	
	1040		9.96	0.7	17,99			10,1	-129		Fuel odor	
	1045		9.96	1.3	18,08		0.872		-146		sheen mwater	<b>†</b>
	IOSC		9.910	1.8	18.13	7.50	0.856	5.4	-158	7.88		
	1055		9.96	2.1	18.24	7.02	0.853	3.7	-164	8.17		
	1160		9.96	2.5		7.03	0,850	2.3	-167-	5A3		
	1105		9.96	2.9	18.25	7.03	0350	2.7	-168	8.41		
	1108		Sawh	ب								
	ilal		9.96	5nal	18.34	7.03	0.550	_5.1_	-141	1.85		
		<u> </u>										]
		Applicable):			als (HNO₃) Fi Ammo			thane/Ethan Furans		CI) Suifati tra Extracta	Nitrate(H <sub>2</sub> SO <sub>2</sub> )	
QA/QC Sa	mples Taken	(Circle Applie	cable): None	. Duplic	ate: TH 30	0047	MS/MSD:_			Split:_		
Sample C	ollection Date	F001:	- 64	_ Sample (	Collection Tim	e: <u>  1 0</u> 1	8	Prepare	ed by: <u></u>	Chill	<u>er</u>	· ·



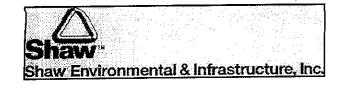
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SITE ID:	OU2 - R	OD_		_WELL ID: _	NEA-N	1W21-	<u>3</u> S	SAMPLE N	IUMBER:	TH 3	0050	
Samplers:		KH, BF		Well Secure	e (Y/N)	Y	v	Vell Casing Di	iameter :	2	)in.	,
Puraina Mei	hod / Equipme	nt: <u>Micropur</u>	e PERIST	TALTIC (	Targ	et Purge Volu	ıme: 2	gal.	Ferrous Iron:	1.01 x2	= 2.02 mg/L	
Sounding (I	epth to Well B	ottom):	21	. 0	_ft.	Static	Water Level	(Depth to Wat	er):	12.	16ft.	
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	р <b>Н</b>	Cond. -(mV) MS/(M	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
10/7	0601 Po	IWT	11.19	0.50	N/o J	LEADING!		, PRot	WY IW	ver.	CICAR	
	1007	0.02	11.19	0.60	18.31	7.12	0.802	15.4	~136	191	<b>~</b> (	
	1010	0.04	11.19	0.80	18,49	7.13	0.194	lal	-136	1,50	U	1
	1012	6.03	11.19	0.95	18.49	7,16	0.788	رَمَا				1.
	1920	0.07	11,64	1.30	18.57	7.3	۲۲.0	110	-144		INCREMBED PUMP	
	1025	0.05	11.19	1.55	18.72	7.18	0.782	9.0	-146	0.86	SCURD PUMP P	TE SUBITIVE
	1030	0.04	11.49	1.75	18.71		285.0	9.5	-(48	- , , -		
	1035	0.05	11.69	2.00	18.21	7.9	0.781	7.8	-149	0.77	į (t	
	1040	0.04	11,19	2,20	13.80	7.4	0.782		-148			_
	1045		11,19	2 40	18,75	7.19	6.791	7.9	-149	0.50	• •	_
	1647	5A	mphe.	# TH :	0050 -							
	1049	FINAL	11,09	1	18,70	7.20	٥٠٦٥٥	5.5	-150	1,22		
												<u>]</u>
Test Param	eters (Circle A	Applicable)/ esticides / Po	VOC (HCI)								e) Nitrate(H <sub>2</sub> SO <sub>4</sub> )	
												•
Sample Co	llection Date:		17/04	Sample (	Collection Tim	e:	104 7	Prepare	ed by:		KYLE KALLIS	
			-									



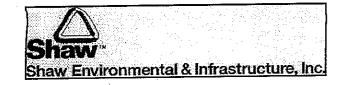
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Samplers:	od / Equipme	nt: <u>Micropur</u>	ne/ blaid	Well Secure	(Y/N) Targe	et Purge Volu	W ume:	/ell Casing Di	ameter : Ferrous Iron:		30051inining/Lft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) MS/CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/2/04	1055		12.88	Init	19.57	6.52	6922	0	143	7.73	close
<del>-/-/</del>	1100	**	12.87	0.4	19.09	6.61	0,952	1.9	-///	1.62	
	1105		12.87	1.0	19.08	618	0.946	_0_	-133	0.74	
	luo		12.87	1.5	19:37	6.78	0,915	_ <u>ŏ</u> _	-152	0,51	
	1115		12.86	1.9	19.34	6.84	0,902	D	-170	6.40	
	1120		12.86	2.2	19,37	6,91	0.998	0	-205	0.42	
	1125		12,87	2,5	19,4	6,95	0.883		-221	0.40	
	1130		12.87	3,0	19.33	6.98	0.883		-237	0.37	Sulfunodor
	1132	Call	pet sa	niple							
	1140		1286	final	20.11	7.00	0.897	0	-199	5.83	
	-										
Test Paramet	ters (Circle /	Applicable):	MOC (HCI)	Total Meta	ıls (HNO₃) Fi	Itered Metals	s (HNO₃) Œ	ethane/Ethan	e/Ethene (H	CI) ( Sulfat	te) (Nitrate(H <sub>2</sub> SO <sub>4</sub> )
SVO	C Pe	esticides / P	CBs Cyar	ide (NaOH)	Ammo	nia (H₂SO₄)	Dioxin /	Furans	E	dra Extracta	able
QA/QC Samp	iles Taken (0	Circle Appli	cable): (None	Duplic	ate:		MS/MSD:_			Split:_	
Sample Colle	ection Date:	10/7	104	_ Sample (	Collection Tim	ie:	132	Prepar	ed by:	5.Wal	<del></del>



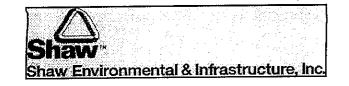
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SITE ID: _	OL	J2 - R	OD_		_WELL ID:	NEA-N	IN 28-			UMBER:		30052
Samplers:	mc	nule	Buh	1		∍ (Y/N)		W	Vell Casing Di	ameter :	2	in.
Purging Me	ethod / E	Equipme	ו nt: <u>Micropur</u> g	eBladd	21 Duny	Targ	et Purge Vol	ume:	gai. i	Ferrous Iron:	1.8613	= <u>5,58</u> mg/L
			ottom):				Static	Water Level (	Depth to Wat	er):	32	ft.
Date	E .	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/07	of O	100		11,35	Initial	18,26	6.19	O.ioleO	D, O	-73	4.54	ful odor
	00	105		11.35	0.2	17.34	6.78	0.843	10.5	-143	1.28	
	00	210		11.35	0.8	17,32	696	0.874	12.2	-135	0.30	•
	00			11.35	1.3	17.35	7.02	0.881	8.2	-183	0.25	
	09	320		11-35	1.8	17.27	7.03	0.887	112	-188	0.32	
	60	7a5		11.35	2.3	17.68		0.887	10.7	-189	0.34	
	<u> </u>	130		11.35	2.7	17.66		5.892	<u> </u>	-183	0.57	
	Q	735		11:35	3.1	17.78	7.12	0.891	8.3	-188	0.47	
	O	937		Simpl				6 20	()			
	10	000		1135	Rna-	18.07	习世	0.819	9.4	-161	2.18	
1												
<b></b>												
								·				
								1			<u> </u>	
Test Parai	neters (	(Circle A	(pplicable)	VOC (HCI)	∖ Total Meta	als (HNO <sub>3</sub> ) Fi	Itered Metals	s (HNO₃) 🐠	ethane/Ethan	e/Ethene (H	CI) Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
	VOC		esticides / Po	•	nide (NaOH)		nia (H₂SO₄)		Furans		tra Extracta	
				,		ate:			TH 300	52MS	Split:_	
				cable): Non	-	•	00	WISHWOLK.	TH 30 (	52 MS1	_	7
Sample Co	ollectio	n Date:	10/07		_ Sample (	Collection Tim	e: <u>09</u>	01	Prepare	ed by:	AA/C	heller



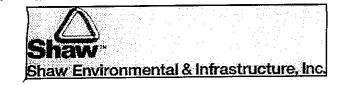
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ing (Dep	th to Well Bo	ottom):	25.0	<u> </u>	_ft.		Water Level (				
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	р <b>Н</b> 	Cond. 4117) MSICM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
اعادا	0827	INT	8.76	'NT	18.59	6.26	0.767		-89	2.78	CUEAR
1 -1-	0832	0.10	8.76	0.50	18.91	6.76	0.745	0	-139	0.31	
	0837	0.10	7.76	600	17,97	6,27			-144	0.03	V/
	2480	0.10	8.76	1,50	اما. 168	(D)84	8NC.0	ర	-138	0,14	И
	0847	0.10	8.76	2.00	18.71	6.38	0.740	6	-143	0.17	1.1
	6852	0,40	8,76	2.50	18.85		0.742	0	~(4 4		(1
	0857		8.76	<u>3. va</u>	18.90				-151	0	, VI
	0900	SA	MPLE	## T#	it 30059	/ Ti	130053				
	9010	Pinge	8.70	PIMEL	18.76	6.96	6.733	<u>C</u>	-132	5,22	<u> </u>



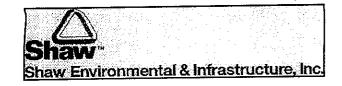
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ing Methooning (Dept	I / Equipme th to Well B	nt: <u>Micropura</u>	e/BLADE 25.0	r rump	Targe	et Purge Volu	ıme: 2 Water Level (	gal. Depth to Wat	Ferrous Iron: er):	≥3.30 10.59	in. (4 (1) mg/L > 13 in. tt.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	Hq	cond. INT) MSICM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/2/04	1443	114	6.59	·NT	16,36	مادر	0,804	0	-146	3,21	CUM
	१५५४	0.1	60.59	0.50	16,48	(6,54)	0.742	<u> </u>	-150	0	· I
	1453	0-1	.0,59	1,00	17.71	7,00		<u> </u>	-158	0	L! N
<u>}</u> -	1458	0.1	10.59 10.59	2,00	17.98	7,04	0.740	0	~159 ~161	0	
	1503 1508	80.0	10.59	2.40	18,02	7,05	0.788	6	اما -	δ	( (
	12.7	0.08		2.80	17.00	7.05		0	-162	0	. (
	1575		AMIE	THEO	) <b>5</b> 5 -						
	1520	FIME	10,59	PIAC	18.13	7.08	0.783	<del>-</del>	-148	3.27	\*
							···				
			VOC (HCI)								

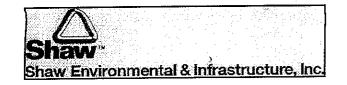


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SITE ID:	0	U2 - R	OD		_WELL ID: _	٥	w-3		SAMPLE N			
Sampler	s: <u>M</u>	hiller	BULL		Well Secure	e (Y/N)		W	/ell Casing Dia	ameter :	2	in.
Purging	Method /	Equipmer	nt: <u>Micropuro</u>	e/Bladdo	<u>.                                    </u>	Targ	et Purge Vol	ume:	gal. i	Ferrous Iron:	1.17×4	=4.68 mg/L
Soundin	g (Depth	to Well Bo	ottom):	25		_ft.	Static	Water Level (	Depth to Wat	er): <u>12</u>	.45	ft.
Da	ate	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/	9/04 /L	141		12.65	Thotal	13.79	7,04	0.900	23.8	734		-Fuel odor
<u> </u>	7,	146		12,45	0.4	1883		0.880	15.2		5.79	1 1
ļ	\\	1211		12 462	0.4	19.09	3.13		9.5	-180 -186	4.79	F
		456		12,105	1.4	19.33	7.14	0.884	43		4.39	
<u> </u>	<del>-   -</del>	501		10.65	2.3		710	0.882	59	-191	4.27	
		Ste		1016	22	19.48	<del></del>	0.887	6.0	-193		
		211		12.45	3.1			0.888	5.9			•
		516	Sarus			1-1.40	7.12	0,800			<i></i>	
-		531	map	12.105	Eval	19.01	2.16	0.902	3,2	-171	224	
	1	1 21		101.11	( WW	<u> </u>	1.10					
Toot Por	ramatore	/Circle A	nnlicable):	VOC (HCI)	Total Meta	ıls (HNO <sub>2</sub> ) Fi	Itered Metals	s (HNO <sub>2</sub> ) _Me	thane/Ethan	e/Ethene (H	CI) Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
1621 19	SVOC		sticides / Po			Ammo		-	Furans		tra Extracta	
0.1/00				able): None		*					Snlit	
			1		Bupilca	aic		mo/mod 		(^/		<del></del>
Sample	Collection	on Date: .	10/03	104	_ Sample (	Collection Tim	e:	<u>D</u>	Prepare	ed by: <u>V / (</u>	Mul	

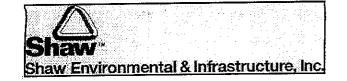


ei1	SITE ID: OU2 - ROD			WELL ID:	0	W - L	<u>+</u>	SAMPLE N	UMBER:	TH	30058	
Sa	Samplers:			Well Secure	e (Y/N)	1	W	/ell Casing Di		-		
Pu	Purging Method / Equipment: Micropurge/ Waddul Sounding (Depth to Well Bottom): 25					Target Purge Volume:			gal.	Ferrous Iron:	<u>3.5</u>	mg/L
So	unding (De	epth to Well B	ottom):	25		ft. Static Water Level			(Depth to Water): 10,50 ft.			D ft.
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (#Y) (MS/CW	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
	10/7/04	1340		(0,53	init	18,79	6:84	0,269	0	~53	عاماء بح	el ear
		1345		10.51	0,4	19.42	6.74	0.973	<u> </u>	-91	1,22	
		1350		10.51	0.9	18.44	6,76	0.880	00	-113 -134	0.81 0.59	
		1355		10.5	1.5	18,54	6,93	୦.୧%	0	-145	0.38	
		1405		10.52	20	(7,5%)	6285	0.990	0	-155	0.35	
	<del></del>	14-10		10,52	2.6	17.68		0.982	0	-164	0.32	
-		14-15		10.53	2.8	17.64	6.90	0,879	_0_	-169	6.3(	
		1417	Colle	ct san	pee	+ Ambi	ent.	6 80		/~~	2 50	
		1429	<u> </u>	10.52	final	20.26	6,94	0, 8 <i>8</i> 9	0	-159	3,56	
1	<u></u>											
Te	st Parame	eters (Circle	Applicable):	(vòc (Hời)		als (HNO₃) Fi					_	
	SVC	DC P	esticides / P	CBs Cyar	ide (NaOH) AM	Ammo SIENT TI	nia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin /	Furans	E)	tra Extracta	able
Q/	VQC Sam	ples Taken (	Circle Appli	cable): Non								
Sa	mple Coll	ection Date:	10/7	104	_ Sample (	Collection Tim	e: <i>_</i>	4/7-	Prepar	ed by:	Swi	<del>\</del>



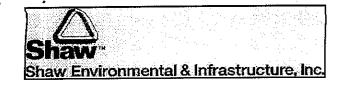
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SITE ID:	<u> OU2 - I</u>	ROD		_WELL ID:	PIS	8-1		SAMPLE N	UMBER:	TH300	059
Samplers	Mchull	21 BU	M	Well Secure	e (Y/N)	£	v	Vell Casing Di	ameter :	2	in.
Purging I	Method / Equipm	ent: <u>Micropur</u>	ge/Blad	der Ru	∠P Targ	r jet Purge Volu	ume:2	gal.	Ferrous Iron:	1.05 x4	= 4.20 mg/L
Sounding	(Depth to Well I	Bottom):	<u>3'                                    </u>			Static	Water Level (	Depth to Wat	er): <u>Bell</u>	en-tot	2 Strands
Da	te Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	cond. 4mV) mS/CM	Turbidity (NTŲ)	Redox (mV)	DO (mg/L)	Water Description
18 7	1041336	7	BIR	Thibal	19.44	6.90	1.01	21.4	-115	4.08	ful olor
	1341		BAD	0.4	19.29	7.04	(.01	17.4	-159	<del>                                     </del>	
	1340	<u> </u>		0,9	19.24	7,05	101	12.3	-166	7.01	
	1356			13	16 28	7.00	1.01	15.0	-192	619	
	1401	1		2.0	19:30	2.56	101	110,4	-173	5.70	
	1404	>		2.3	19.28	7.00	1.01	18.0	-173		•
	1411		₩	2.7	19,28	7.06	1.01	18.4	~173	7.57	
	1414	sarupi	0 70	<i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 <i>(</i> -1 () -1 () -1 () ( -1 () -1 () -1 () ( -1 () -1 () ( -1 () -1 () (	000	A 11	• 00	8,8	~195	1.80	
	1425		BTP	Endl	19.39	3.11	0,99	2.0	21.22	Lisc	
Test Par	ameters (Circle	Applicable):	(VOC (HCI)	Total Meta	als (HNO₃) Fi	iltered Metals	(HNO <sub>3</sub> ) Me	ethane/Ethan	e/Ethene (K	CI) Suffate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
		esticides / P			Ammo	nia (H₂SO₄)	Dioxin /	Furans	E	tra Extracta	ble
QA/QC S	iamples Taken (	Circle Appli	cable): Non	e Duplic	ate:		MS/MSD:_			Split:	
	Collection Date:				Collection Tim					Chiller	<i>)</i>



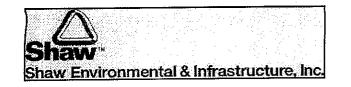
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ding (Dep	th to Well Bo	ottom):	14,	0	_ft.	Static	Water Level (	Depth to Wat	er):	1181	in. >13 (4/1) mg/L ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) MS/CV	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/2/24	1342	LATT	11.81	124	20.62	6,66	1.28	39.5	-117	2.63	CLOUDY
<u>. o i vio d</u>	1347	0.04	16.21	0.20		6.64	1,22	4,4	-120	1,15	CUEAR
	1352	0.00	1681	0.50		6,65	-	0	~(22_	0.72	1.7
	1357	0.10	18,71	₫.00	•		1.20	0	-124	0.51	ι(
	Ha	0.66		1.30		-	1118		-125	0.31	, t
	1407	0.06		1,60		(ماره)	1.18	0_	-126	0.00	65
	1412	0.8	Y1.31	2.00	20.26	6,67	1,18	0	-126	0,03	et .
	1417	0.54	16/2)	2.20	20.34	669	148	<u> </u>	-127	0	• 1
	1922	0,04	11.81	2,40	2036	664	119	0	-128	6	11
	1425	SA	MPLE	TE	63  CO CO CO ES		(F) 1.23	<u>0.96</u>		D.603(M)	<u> </u>
	1432		1(8(	PIMIL	20,89		1,23	09	-128	0,62	



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ding (Dept	th to Well Bo	ottom):	45,	0	_ft.	Static	Water Level (	Depth to Wate	er):	9,9	<u>∂</u> ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) MS) CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
6/2/04	1540	741	9.40	127	19,59	7,56	0.66	67.3	7	6.45	Chanon
	1545				16,51	7.09	0.312	130,0	- ک	3,20	£Ĺ
	1550	0.10		8	1609	7.06	0.816	42.6	14	2.85	v
	1555	0.10	9,40	1,50	1600	7,05	0.80	14,4	23	2.84	wan
	1600	0,0	9,90	200	16.08	7.05	8,8,0	3.4		2,80	ŧ/
	1605	0,0	9.90		16.66	7.04	0.866	1.)	29	2.78	√l
	(640	0.10		3,00	17.00	7.05	0/817	3.1	30	2.82	(1
	١٥١٤	54	mput		430046	<del></del>					
	(613)	FORAL	9,40	FMAC	17.33	7.15	8.44	2.0	49	6.65	\ (
									:		
Paramete	rs (Circle A	pplicable):	(OC (HC))	Tø <del>tal Met</del> a	<del>ls (HNO<sub>s</sub>)</del> Fil	tered Metals	<del>-(HNO3)</del> Me	thane/Ethane	/Ethene (H	CI) Sulfate	Mtrate(H <sub>2</sub> SO <sub>4</sub> )



Page \_1\_ of \_1

ing Method Iding (Dept	/ Equipmer	nt: <u>Micropurg</u> ottom):	e/ BCAD 24.54	0EV .P.	<i>∠∧∧</i> P Targe _ft.	t Purge Volu Static	ume: 2 Water Level (	gal. F	errous Iron:	12.0	mg/L
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	На	Cond. (m¥) MSI CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
0/7/04	1050	INT	1295	·W7	16,24		8.775			4,44	CLOVOY
	1055	0.10	12.05	0.50	15.83	7,10	0.743	123.0	-7	2.26	6.6
	1100	0.10	12.05	1,00	15.80	7,06	0.784	32.5	<u>ι</u> 2		CLEANED HOP, 134
	1105	0,00	12.05	1.50	(5,76	7,06	0,793	11/7	30_	1180	
	1100	0.10	1205	2.00	15.70		0.743	4,1	3&_	1.80	
	1115	0.0	12.05	2,50	15,64		0,793	σ.0	40	1,79	<u></u>
	1120	0110	(2,05	3.00	15.64	7.00	0.796	0.6	29	1,80	
	1125		5 <u>A</u> MP	KE	#7143	1049 -					
	1130	FIMAL	12,05	Pimac	16.35	7,10	0.766	0.0	66	3.77	
			· ·								
					ils (HNO₃) Fill — Ammor						e Nitrate(H <sub>2</sub> SO <sub>4</sub> )



### Sample Collection Log

#### 829564 WPAFB

Manager: Joe Tyburski

RFA.	/ COC	Number:	Ī	HO	41	007

Location Code: 04-016-M

Sample Number: TH30045

Sample Name: 04-016-M-GW-TH30045-REG

Sampling Method: BP

Sample Type: GW

**Containers** 

40

40

250

250

Flt Frtn Qty Size

1

N A

N B

N C

N D

Sample Purpose: REG

Units Type

ML VOA Vial

ML VOA Vial

ML HDPE

ML HDPE

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 15:37

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

**Comments:** 

Analytical Suite

VOC

GAS DISS

NITRATE

SULFATE

**Sketch Location:** 

Logged	BY	/	Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number:	L	$\mathbf{H}0$	41	00	7
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Location Code: NEA-MW20-1D

Sample Number: TH30046

Sample Name: NEA-MW20-1D-GW-TH30046-REG

Sampling Method: BP

Sample Type: GW

311 2220010123

Sample Purpose: REG

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 16:12

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values: Sacode; Lot Control#:

Analytical Suite	Flt	Frt	n Qty	Size	Units	Type
VOC	N	A	3	40	ML	VOA Vial
GAS_DISS	N	В	3	40	ML	VOA Vial
NITRATE	N	C	1	250	ML	HDPE
SULFATE	N	n	1	250	MI	HDPE

Containers

Comments:

**Sketch Location:** 

Reviewed BY / Date:	
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Logged BY / Date:

Re



#### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number:	LH0	41	007
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Location Code: NEA-MW20-2S

Sample Number: TH30047

Sample Name: NEA-MW20-2S-GW-TH30047-FD

Sampling Method: BP

Sample Type: GW

Sample Purpose: FD

Task: 04200500

Collection Date: 07-OCT-04

ERPIMS Values: Sacode: Lot Control#:

Collection Time: 11:08

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Type	
VOC	N	A	3	40	ML	VOA Vial	
GAS_DISS	N	В	3	40	ML	VOA Vial	
NITRATE	N	C	1	250	ML	HDPE	
SULFATE	N	D	1	250	ML	HDPE	
<u> </u>							

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**Comments:** 

Logged	BY	/	Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: J	LH04	11007
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Location Code: NEA-MW20-2S

Sample Number: TH30048

Sample Name: NEA-MW20-2S-GW-TH30048-REG

Sampling Method: BP

Sample Type: GW

ML HDPE

Sample Purpose: REG

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 11:08

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values: Sacode:

Lot Control#:

**Analytical Suite** Flt Frtn Qty Size Units Type VOC NA 3 40 ML VOA Vial GAS DISS 3 40 ML VOA Vial N B NITRATE N C 1 250 ML HDPE

250

N D

Containers

**Comments:** 

SULFATE

Logged B	'Y/ Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

REA	/ COC	Number:	T	HO	41007
I/I. V	$\prime$ $\sim$ $\sim$ $\sim$	THE PROPERTY OF THE PROPERTY O	_	<i>.</i> 111.17	<b>TIVV</b> (

Location Code: NEA-MW21-2D

Sample Number: TH30049

Sample Name: NEA-MW21-2D-GW-TH30049-REG

Flt Frtn Qty Size

3

1

N A

N B

N C

N D

Containers

40

40

250

250

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Units Type

ML VOA Vial

ML VOA Vial

ML HDPE

ML HDPE

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 11:25

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values: Sacode:

Lot Control#:

### **Comments:**

Analytical Suite

VOC

GAS\_DISS

NITRATE

SULFATE

Logged	BY/	Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

RFA	/ COC Number:	LH041007

Location Code: NEA-MW21-3S

Sample Number: TH30050

Sample Name: NEA-MW21-3S-GW-TH30050-REG

Flt Frtn Qty Size

3

NA

 $\overline{N}$  B

N C

N D

Containers

40

40

250

250

Sampling Method: BP

Sample Type: GW

Units Type

ML VOA Vial

ML VOA Vial

ML HDPE

ML HDPE

Sample Purpose: REG

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 10:47

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values: Savode: Lot Control#:

### Comments:

**Analytical Suite** 

VOC

GAS\_DISS

NITRATE

SULFATE

Reviewed BY / Date:
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### 829564 WPAFB

Manager: Joe Tyburski

MAY COCHUMBEL DITOTION	RFA /	COC Number:	LH04	1007
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Location Code: NI	EA-MW26-3S
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Sample Number: TH30051

Sample Name: NEA-MW26-3S-GW-TH30051-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 11:32

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

**Containers** 

Flt	Frt	n Qty	Size	Units	Туре	
N	A	3	40	ML	VOA Vial	
N	В	3	40	ML	VOA Vial	
N	C	1	250	ML	HDPE	
N	D	1	250	ML	HDPE	_
	N N N	N A N B N C	N A 3 N B 3 N C 1	N A 3 40 N B 3 40 N C 1 250	N A 3 40 ML N B 3 40 ML N C 1 250 ML	Flt Frtn Qty Size Units Type  N A 3 40 ML VOA Vial  N B 3 40 ML VOA Vial  N C 1 250 ML HDPE  N D 1 250 ML HDPE

ERPIMS Values: Sacode:

 $Lot\ Control \#;$ 

Comments:

**Sketch Location:** 

Logged BY / Date:

Reviewed BY / Date:	
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#### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: LH	U4	41	JU	U	٠,	1
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Location Code:	NEA-MW28-5S
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Sample Number: TH30052

Sample Name: NEA-MW28-5S-GW-TH30052-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 09:37

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

			~~.				
Analytical Suite	Flt	Frt	n Qty	Size	Units	Type	
VOC	N	A	3	40	ML	VOA Vial	
GAS_DISS	N	В	3	40	ML	VOA Vial	
NITRATE	N	C	1	250	ML	HDPE	
SULFATE	N	D	1	250	ML	HDPE	

ERPIMS Values:

Sacode:

Lot Control#:

#### Comments:

#### **Sketch Location:**

Logged BY / Date:

Reviewed BY / Date:	
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#### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: LH041007

Location Code: NEA-MW28-5S

Sample Number: TH30052MS

Sample Name: NEA-MW28-5S-GW-TH30052MS-MS

Sampling Method: BP

Sample Type: GW

Sample Purpose: MS

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 09:37

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Type	
VOC	N	A	3	40	ML	VOA Vial	<u> </u>
GAS_DISS	N	В	3	40	ML	VOA Vial	
NITRATE	N	C	1	250	ML	HDPE	
SULFATE	N	D	1	250	ML	HDPE	

ERPIMS Values:

Sacode:

 $Lot\ Control \#;$ 

#### Comments:

Logged	BY	Date:
(3(3		



#### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	LH041007

Loc	at	ion	Code:	NEA-MW28-5S

Sample Number: TH30052MSD

Sample Name: NEA-MW28-5S-GW-TH30052MSD-MSD

Sampling Method: BP

Sample Type: GW

Sample Purpose: MSD

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 09:37

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
GAS_DISS	N	В	3	40	ML	VOA Vial
NITRATE	N	С	1	250	ML	HDPE
SULFATE	N	D	1	250	ML	HDPE

ERPIMS Values: Sacode:

Lot Control#:

**Comments:** 

Logged BY i	/ Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

	RFA /	<b>COC Number:</b>	LH041007
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Location Code: OW-1

Sample Number: TH30053

Sampling Method: BP

Sample Type: GW

Sample Name: OW-1-GW-TH30053-FD

Sample Purpose: FD

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 09:00

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values: Sacode: Lot Control#:

**Analytical Suite** Flt Frtn Qty Size Units Type VOC 3 40 ML VOA Vial N A GAS DISS 3 40 ML VOA Vial N B NITRATE NC 250 ML HDPE SULFATE N D 250 ML HDPE

Containers

#### Comments:



#### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: L	н	J4 I	WU7
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Location Code: OW-1

Sample Number: TH30054

Collection Date: 07-OCT-04

Task: 04200500

Sample Name: OW-1-GW-TH30054-REG

Collection Time: 09:00

Sampling Method: BP

Start Depth:

Sample Type: GW

Sample Purpose: REG

End Depth:

Sample Matrix: WG

Sample Team:

**Containers** 

Analytical Suite	Fit	Frtn	Qty	Size	Units	Туре
VOC	N	A	3	40	ML	VOA Vial
GAS_DISS	N	В	3	40	ML	VOA Vial
NITRATE	N	C	1	250	ML	HDPE
SULFATE	N	D	1	250	ML	HDPE

ERPIMS Values: Sacode: Lot Control#:

**Comments:** 

Logged	BY		Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

REA	/COC	Number:	Τ	HA	41	007
KrA	I CUC	Number:	ı.	ΛU	41	WV /

Location Code: OW-2

Sample Number: TH30055

Sample Name: OW-2-GW-TH30055-REG

Sampling Method: BP

Sample Type: GW

**Containers** 

40

40

250

250

Flt Frtn Qty Size

3

1

N A

N B

N C

N D

Sample Purpose: REG

Units Type

ML VOA Vial

ML VOA Vial

ML HDPE

ML HDPE

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 15:15

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values: Sacode: Lot Control#;

# Comments:

**Analytical Suite** 

VOC

GAS DISS

NITRATE

SULFATE

Reviewed BY / Date:	
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#### 829564 WPAFB

Manager: Joe Tyburski

RFA A	COC	Number:	Ĭ	H	141	007

Location Code: OW-3

Sample Number: TH30056

Sample Name: OW-3-GW-TH30056-REG

Containers

40

40

250

250

Flt Frtn Qty Size

3

1

N A

N B

N C

N D

Sampling Method: BP

Sample Type: GW

Units Type

ML VOA Vial

ML VOA Vial

ML HDPE

ML HDPE

Sample Purpose: REG

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 15:18

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values: Sacode: Lot Control#:

Comments:

**Analytical Suite** 

VOC

GAS\_DISS

NITRATE

SULFATE

Reviewed	BY/	Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	LH0	41007

Location C	'ode: O	W-4
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Sample Number: TH30057

Sampling Method: BP

Sample Type: GW

Sample Name: OW-4-GW-TH30057-AB

Sample Purpose: AB

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 14:17

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

			~ ~				
Analytical Suite	Flt	Frtn	ı Qty	Size	Units	Туре	
VOC	N	A	3	40	ML	VOA Vial	
GAS_DISS	N	В	3	40	ML	VOA Vial	٠
NITRATE	N	С	1	250	ML	HDPE	
SULFATE	N	D	1	250	ML	HDPE	

ERPIMS Values: Sacode: Lot Control#:

Comments:

DUZZUM DI / DUIU.	Logged	BY	/ Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

RFA	/ COC	Number:	Ĭ	HO	41	007
	, 000	TAUTHOUT.	- 4-		<b>T</b> I	1717/

Location Code: OW-4

Sample Number: TH30058

Sample Name: OW-4-GW-TH30058-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 14:17

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Туре	
VOC	N	A	3	40	ML	VOA Vial	
GAS_DISS	N	В	3	40	ML	VOA Vial	
NITRATE	N	С	1	250	ML	HDPE	
SULFATE	N	D	1	250	ML	HDPE	

ERPIMS Values: Sacode: Lot Control#:

Comments:

Logged	BY	/	Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	I	H04	1007
111	$\sim$	TAUTHOUT.		ルルリマ	1007

Location Code: P18-1

1 10-1

Sample Number: TH30059

Sample Name: P18-1-GW-TH30059-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 14:14

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

			COL	titilit.	U		
Analytical Suite	Flt	Frti	ı Qty	Size	Units	Туре	
VOC	N	A	3	40	ML	VOA Vial	
GAS_DISS	N	В	3	40	ML	VOA Vial	<del></del>
NITRATE	N	С	1	250	ML	HDPE	
SULFATE	N	D	1	250	ML	HDPE	<del></del> :

ERPIMS Values: Sacode:

Lot Control#:

Comments:

Logged	BY	/	Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

Location Code: P18-2

Sample Number: TH30060

Sampling Method: BP

Sample Type: GW

Sample Name: P18-2-GW-TH30060-REG

Sample Purpose: REG

Task: 04200500

Collection Date: 07-OCT-04

Collection Time: 14:25

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#;

Containers

Analytical Suite	Flt	Frt	n Qty	Size	Units	Type
VOC	N	A	3	40	ML	VOA Vial
GAS_DISS	N	В	3	40	ML	VOA Vial
NITRATE	N	C	1	250		HDPE
SULFATE	N	D	1	250	ML	HDPE

Comments:

Logged .	BY/	Date:
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### 829564 WPAFB

Manager: Joe Tyburski

		RFA / COC Number: LH041007
Location Code:	FIELDQC	Task: 04200500
Sample Number:	TH30061	Collection Date: 07-OCT-04
Sample Name:	FIELDQC-WA-TH30061-TB	Collection Time: 07:45
Sampling Method:	G	Start Depth:
Sample Type:	WA Sample Purpose: TB	End Depth:
		Sample Matrix: 🕠
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values:
VOC	N a 2 40 ML VOA Vial	Sacode: Lot Control#:
Comments:		



### 829564 WPAFB

	ROD-OU2-SV01		Task: 04200500
Sample Number:		<b>ጥሀረብሰላብ DEC</b>	Collection Date: 25-OCT-04
1	ROD-OU2-SV01-SG-	1 II00040-KEG	Collection Time: 14:45
Sampling Method:			Start Depth:
Sample Type:	SG Sa	mple Purpose: REG	End Depth:
			Sample Matrix: GS
			Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size U	nits Type	ERPIMS Values: Sacode:
GAS_SO	N A 1 5	L Tedlar Bag	Lot Control#:
Comments:			



### 829564 WPAFB

Manager: Joe Tyburski

		RFA / COC Number: TH041025_SV
Location Code:	ROD-OU2-SV02	Task: 04200500
Sample Number:	TH60041	Collection Date: 25-OCT-04
Sample Name:	ROD-OU2-SV02-SG-TH60041	I-REG Collection Time: 10:50
Sampling Method:	HS	Start Depth:
Sample Type:	SG Sample Pury	pose: <b>REG</b> End Depth:
		Sample Matrix: GS
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	e ERPIMS Values: Sacode:
GAS_SO	N A 1 5 L Tedla	r Bag Lot Control#:

**Comments:** 

Logged D1 / Date.	Logged BY / Date:	Reviewed BY / Date:
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#### 829564 WPAFB

	RFA / C	OC Number: TH041025_SV
Location Code:	ROD-OU2-SV03	Task: 04200500
Sample Number:	TH60042	Collection Date: 25-OCT-04
Sample Name:	ROD-OU2-SV03-SG-TH60042-REG	Collection Time: 15:05
Sampling Method:	HS	Start Depth:
Sample Type:	SG Sample Purpose: REG	End Depth:
		Sample Matrix: GS
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values: Sacode:
GAS_SO	N A 1 5 L Tedlar Bag	Lot Control#:
Comments:		



#### 829564 WPAFB

		•	RFA / COC Number: T	H041025 SV
Location Code:	ROD-OU2-SV06			– Task: <b>04200500</b>
Sample Number:	TH60043		Collection I	Date: <b>25-OCT-0</b> 4
Sample Name:	ROD-OU2-SV06-	SG-TH60043-REG	Collection T	Time: 10:00
Sampling Method:	HS		Start De	epth:
Sample Type:	SG	Sample Purpose: REG		•
			Sample Ma	utrix: GS
	Containe	-	Sample Te	
Analytical Suite	Flt Frtn Qty Size	Units Type	E	RPIMS Values; Sacode:
GAS_SO	N A 1 5	L Tedlar Bag		Lot Control#:
Comments:				



### 829564 WPAFB

			RFA / COC Number: TH041	.025_SV
Location Code:	ROD-OU2-SV07		Task:	04200500
Sample Number:	TH60044		Collection Date:	25-OCT-04
Sample Name:	ROD-OU2-SV07-SG-TH6	0044-REG	Collection Time:	11:05
Sampling Method:	HS		Start Depth:	
Sample Type:	SG Sample	Purpose: REG	End Depth:	
			Sample Matrix:	GS
			Sample Team:	
Analytical Suite	Containers Flt Frtn Qty Size Units	Туре	ERPIMS	
GAS_SO	N A 1 5 L	Tedlar Bag		Sacode: ontrol#:
Comments:				
Sketch Locati	on:			



#### 829564 WPAFB

Sample Type.	Sample Purpose: FD	End Depth: Sample Matrix: GS Sample Team:
Analytical Suite GAS_SO	Containers Flt Frtn Qty Size Units Type N A 1 5 L Tedlar Bag	ERPIMS Falues: Sacode: Lot Control#:
Comments:		



### 829564 WPAFB

Location Code:	RFA / ROD-OU2-SV08	COC Number: TH041025_SV  Task: 04200500
Sample Number:		Collection Date: 25-OCT-0
-	ROD-OU2-SV08-SG-TH60046-REG	Collection Time: 09:30
Sampling Method:		Start Depth:
Sample Type:		End Depth:
		Sample Matrix: GS
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values:
GAS_SO	N A 1 5 L Tedlar Bag	Sacode: Lot Control#:
Comments:		
Sketch Locati	on:	



### 829564 WPAFB

Manager: Joe Tyburski

			RFA / COC Number: TH04	1025_SV
Location Code:	ROD-OU2-SV09		Task:	04200500
Sample Number:	TH60047		Collection Date:	25-OCT-04
Sample Name:	ROD-OU2-SV09-	SG-TH60047-REG	Collection Time:	11:22
Sampling Method:	HS		Start Depth:	
Sample Type:	SG	Sample Purpose: REC	G End Depth:	
			Sample Matrix:	GS
	-		Sample Team:	
Analytical Suite	Containe Flt Frtn Qty Size		ERPIMS	Values: Sacode:
GAS_SO	N A 1 5	L Tedlar Bag		ontrol#:
Comments:				

**Sketch Location:** 

Logged BY / Date:

Reviewed BY / Date:	
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#### 829564 WPAFB

		RFA / COC Number: TH041025_SV
Location Code:	ROD-OU2-SV09	Task: 04200500
Sample Number:	TH60048	Collection Date: 25-OCT-04
Sample Name:	ROD-OU2-SV09-SG-TH60048-AB	Collection Time: 09:10
Sampling Method:	HS	Start Depth:
Sample Type:	SG Sample Purpose: AB	End Depth:
		Sample Matrix: GS
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values:
GAS_SO	N A 1 5 L Tedlar Bag	Sacode: Lot Control#:
Comments:		
Sketch Locati	on:	



### 829564 WPAFB

Manager: Joe Tyburski

		RFA / COC Number: TH041025_SV					
Location Code:	ROD-OU2-SV10	Task: 04200500					
Sample Number:	TH60049	Collection Date: 25-OCT-04					
Sample Name:	ROD-OU2-SV10-SG-TH60049-REG	Collection Time: 12:05					
Sampling Method:	HS	Start Depth:					
Sample Type:	SG Sample Purpose: REG	End Depth:					
		Sample Matrix: GS					
		Sample Team:					
	Containers						
Analytical Suite	Flt Frtn Qty Size Units Type	ERPIMS Values:					
,		Sacode:					
GAS_SO	N A 1 5 L Tedlar Bag	Lot Control#:					
· · · · · · · · · · · · · · · · · · ·	1000 000 000 000 000 000 000 000 000 00	· ·					

**Comments:** 

Reviewed BY / Date:	
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Logged BY / Date:

# Sample Collection Log

### 829564 WPAFB

		RFA / COC Number: TH041	nber: TH041027_SV			
Location Code:	ROD-OU2-SV11	Task:	04200500			
Sample Number:	TH60050	Collection Date:	27-OCT-04			
	ROD-OU2-SV11-SG-TH60050-I	<b>REG</b> Collection Time:	09:00			
Sampling Method:		Start Depth:				
Sample Type:		•				
		Sample Matrix:	GS			
		Sample Team:				
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS	Values: Sacode:			
GAS_SO	N A 1 5 L Tedlar	D	ntrol#:			
Comments:						
Sketch Locati	on:					



### 829564 WPAFB

		RFA / COC Number: TH041025_SV
Location Code:	ROD-OU2-SV12	Task: 04200500
Sample Number:	TH60051	Collection Date: 25-OCT-04
Sample Name:	ROD-OU2-SV12-SG-TH60051-REG	Collection Time: 15:30
Sampling Method:	HS	Start Depth:
Sample Type:	SG Sample Purpose: REC	End Depth:
	•	Sample Matrix: GS
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values; Sucode:
GAS_SO	N A 1 5 L Tedlar Bag	Lot Control#:
Comments:		
Sketch Locati	on:	



### 829564 WPAFB

Manager: Joe Tyburski

		RFA / COC Number: TH041025 SV
Location Code:	ROD-OU2-SV13	Task: 04200500
Sample Number:	TH60052	Collection Date: 25-OCT-04
Sample Name:	ROD-OU2-SV13-SG-TH60052-REG	Collection Time: 16:03
Sampling Method:	HS	Start Depth:
Sample Type:	SG Sample Purpose: RI	EG End Depth:
		Sample Matrix: GS
		Sample Team:
	Containers	•
Analytical Suite	Flt Frtn Qty Size Units Type	ERPIMS Values: Sacode:
GAS_SO	N A 1 5 L Tedlar Bag	Lat Control#:
Comments:		



#### 829564 WPAFB

RFA /	COC Number: TH041025_SV
ROD-OU2-SV14	Task: 04200500
TH60053	Collection Date: 25-OCT-04
ROD-OU2-SV14-SG-TH60053-REG	Collection Time: 11:50
HS	Start Depth:
SG Sample Purpose: REG	End Depth:
·	Sample Matrix: GS
•	Sample Team:
Containers Flt Frtn Qty Size Units Type	ERPIMS Values:
N A 1 5 L Tedlar Bag	Sacode: Lot Control#:
	ROD-OU2-SV14 TH60053 ROD-OU2-SV14-SG-TH60053-REG HS SG Sample Purpose: REG  Containers Flt Frtn Qty Size Units Type



### 829564 WPAFB

		RFA / COC Number: TH041025_SV
Location Code:	ROD-OU2-SV06	Task: 04200500
Sample Number:	TH60054	Collection Date: 25-OCT-04
Sample Name:	ROD-OU2-SV06-SG-TH60054-FD	Collection Time: 10:00
Sampling Method:	HS	Start Depth:
Sample Type:	SG Sample Purpose: FD	End Depth:
		Sample Matrix: GS
		Sample Team:
Analytical Suite	Containers FIt Frtn Qty Size Units Type	ERPIMS Values; Sacode:
GAS_SO	N A 1 5 L Tedlar Bag	Lat Control#:
Comments:		
Sketch Locati	ion:	

Logged BY / Date: Reviewed BY / Date:	
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### 829564 WPAFB

	RFA / C	COC Number: TH041025_SV
Location Code:	ROD-OU2-SV15	Task: 04200500
Sample Number:	TH60055	Collection Date: 25-OCT-0
Sample Name:	ROD-OU2-SV15-SG-TH60055-REG	Collection Time: 11:35
Sampling Method:	HS	Start Depth:
Sample Type:	SG Sample Purpose: REG	End Depth:
		Sample Matrix: GS
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values: ————————————————————————————————————
GAS_SO	N A 1 5 L Tedlar Bag	Lot Control#:
Comments:		

**OU2 Chain of Custody Records** 



### ANALYSIS REQUEST AND **CHAIN OF CUSTODY RECORD**

Reference Document No: LH041097

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Project Number: 829564

Samples Shipment Date: 08 OCT 2004

Bill To: Greg Plamondon

Project Name: WPAFB

Lab Destination: Sevem Trent Lab

5050 Section Ave Notwood

OH 45212

Sample Coordinator: Marie Chiller

Lab Contact: Denise Pohl

Report To: Greg Plamondon

Turnaround Time: Normal

Project Contact: Denise Pohl

5050 Section Ave Norwood

OH 45212

Carrier/Waybill No.: Relinquished to STL/ Cinci

Possible Hazard Indentification:  Non-hazard	mitant Polson B Unknown	Sample Disposal:  Return to Client Disposal by Lab	Archive (mos.)
1. Relinquished By (Signature/Affiliation)	Date: (0) 09/04 Time:	1. Received By (Signature/Affiliation)	Date: 10/8/04 Time: /600 Date: 10/4/04
2. Relinquished By (Signature/Affiliation)	Date: /0/07/04 Time: /6/0	2. Received By (Signature/Affiliation)	Time: 9.55
3. Relinquished By (Signature/Afficiation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:
Comments:			

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty		Requested Testing Program	Fil	CID	QC Lvi	Condition On Receipt	
ITH30045	04 018 M-GW-TH30045 REG	07 OCT 2004	15:37	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td>LL</td><td></td><td>_[,</td></ph>	VOC by EPA 8260B with MTBE	N		LL		_[,
7H30045	D4-018 M-GW-TH30045-REG	07 OCT 2004		10 ML VOA Vial	3	HCI <ph 2<="" td=""><td>Dissolved Gases by RSK 175</td><td>N</td><td></td><td></td><td></td><td>_]5</td></ph>	Dissolved Gases by RSK 175	N				_]5
7H30045	04-018-M-GW-TH30045-REG	07 OCT 200		250 ML HDPE	1	H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td></td><td></td><td></td><td><u> </u></td></ph>	Nitrate by EPA 300.0A	N				<u> </u>
	D4-016-M-GW-TH30045-REG	07 OCT 2004		250 MI, HDPE		None except cool to 4 C	Sulfate by EPA 300.0A	N				٦
TH30045	NEA MW20-1D-GW-TH30046-REG	07 OCT 200	V = 1	40 ML VOA VIAI		HCI<0H 2	VOC by EPA 8260B with MTBE	N	1	7		
TH30048	NEA-MW20-1D-GW-TH30048-REG	07 OCT 200		40 ML VOA Vial		HCI <ph 2<="" td=""><td>Dissolved Gases by RSK 175</td><td>N</td><td></td><td></td><td>2</td><td></td></ph>	Dissolved Gases by RSK 175	N			2	
TH30046	1 "	1				HZSO4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td></td><td></td><td></td><td>٦:</td></ph>	Nitrate by EPA 300.0A	N				٦:
71430046	NEA MW20-10-GW-TH30048-REG		1	250 ML HOPE		None except cool to 4 C	Sulfate by EPA 300.0A	N				
TH30046	NEA-MW20-1D-GW-TH30048-REG	07 OCT 2004	16:12	250 ML HDPE		Mouse except cool to 4 C	Dullate by Elitt Oct. Mil		<u>.                                    </u>	<u> </u>		ــــــــــــــــــــــــــــــــــــــ



#### ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: LH041007

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Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Fil CID	QC Lvi	Condition On Receipt
TH30047	NEA-MW20-2S-GW-TH30047-FD	07 OCT 2004	11:08 4	0 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N		
TH30047	NEA-MW20-28-GW-TH30047-FD	07 OCT 2004	11:08 4	0 ML VOA Vial	3 HCI <ph 2<="" td=""><td>Dissolved Gases by RSK 175</td><td>N</td><td></td><td></td></ph>	Dissolved Gases by RSK 175	N		
TH30047	NEA-MW20-28-GW-TH30047-FD	07 OCT 2004	. N	50 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td></td><td></td></ph>	Nitrate by EPA 300.0A	N		
TH30047	NEA-MW20-28-GW-TH30047-FD	07 OCT 2004	1	50 ML HDPE	1 None except cool to 4 C	Sulfate by EPA 300.0A	N		
H30048	NEA-MW20-28-GW-TH30048-REG	07 OCT 2004		O ML VOA Vial	3 HCl <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N		
H30048	NEA-MW20-28-GW-TH30048-REG	07 OCT 2004	1	O MIL VOA Viel	3 HCl <ph 2<="" td=""><td>Dissolved Gases by RSK 175</td><td>N</td><td></td><td></td></ph>	Dissolved Gases by RSK 175	N		
H30048	NEA-MW20-2S-GW-TH30048-REG	07 OCT 2004		50 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td></td><td></td></ph>	Nitrate by EPA 300.0A	N		
H30048	NEA-MW20-25-GW-TH30048-REG	07 OCT 2004	1 "	50 ML HDPE	1 None except cool to 4 C	Sulfate by EPA 300.0A	N!		
TH30049	NEA-MW21-2D-GW-TH30049-REG	07 OCT 2004		O ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N		
1130049	NEA-MW21-2D-GW-TH30049-REG	07 OCT 2004	11:25 4	0 MiL VOA Vial	3 HCI <ph 2<="" td=""><td>Dissolved Gases by RSK 175</td><td>N</td><td></td><td></td></ph>	Dissolved Gases by RSK 175	N		
NH30049	NEA MW21-2D-GW-TH30049-REG	07 OCT 2004		50 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N.</td><td></td><td></td></ph>	Nitrate by EPA 300.0A	N.		
H30049	NEA-MW21-2D-GW-TH30049-REG	07 OCT 2004	11:25 2	50 ML HDPE	1 None except cool to 4 C	Sulfate by EPA 300.0A	N		
H30050	NEA MW21-35-GW-TH30050-REG	07 OCT 2004	10:47 4	O ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N.</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N.		
H30050	NEA-MW21-3S-GW-TH30050-REG	07 OCT 2004		O ML VOA Vial	3 HCI <ph 2<="" td=""><td>Dissolved Gases by RSK 175</td><td>N</td><td></td><td></td></ph>	Dissolved Gases by RSK 175	N		
H30050	NEA-MW21-3S-GW-TH30050-REG	07 OCT 2004		50 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td></td><td></td></ph>	Nitrate by EPA 300.0A	N		
H30050	NEA MW21-3S-GW-TH30050-REG	87 OCT 2004	10:47 2	50 ML HDPE	1 None except cool to 4 C	Sulfate by EPA 300.0A	N		
H30051	NEA-MW26-3S-GW-TH30051-REG	07 OCT 2004	11:32 4	0 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td>¥-</td></ph>	VOC by EPA 8260B with MTBE	N		¥-
H30051	NEA-MW26-3S-GW-TH30051-REG	07 OCT 2004	11:32 4	0 ML VOA Vial	3 HCI <ph 2<="" td=""><td>Dissolved Gases by RSK 175</td><td>N</td><td></td><td>·</td></ph>	Dissolved Gases by RSK 175	N		·
H30051	NEA-MW26-39-GW-TH30051-REG	07 OCT 2004	11:32 2	50 ML HDPE :	1 H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td></td><td></td></ph>	Nitrate by EPA 300.0A	N		
H30051	NEA-MW29-3S-GW-TH30051-REG	07 OCT 2004	11:32 2	50 ML HDPE	1 None except cool to 4.C	Sulfate by EPA 300.0A	N.		
H30052	NEA-MW28-53-GW-TH30052-REG	07 OCT 2004	09:37 4	O ML VOA Vial	3 HCKpH 2	VOC by EPA 8260B with MTBE	N		
H30052	NEA MW28-5S-GW-TH30052-REG	07 OCT 2004	09:37 4	O ML VOA Vial	3 HCI <ph 2<="" td=""><td>Dissolved Gases by RSK 175</td><td>N</td><td></td><td></td></ph>	Dissolved Gases by RSK 175	N		
H30052	NEA MW28-SS-GW-TH30052-REG	07 OCT 2004	09:37 2	50 ML HDPE	1 H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td></td><td>(.</td></ph>	Nitrate by EPA 300.0A	N		(.
1 <b>3005</b> 2	NEA-MW28-5S-GW-TH30052-REG	07 OCT 2004	09:37 2	50 ML HDPE	1 None except cool to 4 C	Suifate by EPA 300.0A	N		
H30052MS	NEA MW28-58-GW-TH30052MS-MS	07 OCT 2004	1	O ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 82608 with MTBE</td><td>N</td><td></td><td></td></ph>	VOC by EPA 82608 with MTBE	N		
H30052MS	NEA MW20-5S-GW-TH:0052MS-MS	07 OCT 2004	09:37	ML VOA Viai	3 HCI <ph 2<="" td=""><td>Dissolved Gases by RSK 175</td><td>N</td><td></td><td></td></ph>	Dissolved Gases by RSK 175	N		
H30052MS	NEA MW28-59-GW-TH30052MS-MS	07 OCT 2004	09:37	50 ML HDPE	1 H2SO4-pH 2	Nitrate by EPA 300.0A	N		×
Н30052MS	NEA MIV28-58-GW-TH30052MS-MS	07 OCT 2004		50 ML HDPE	1 None except cool to 4 C	Sulfate by EPA 300.0A	N .		, ¥I
H30052MSD	NEA-MW28-58-GW-TH30052MSD-MSD	07 OCT 2004	I	O ML VOA Viel	3 HCKpH 2	VOC by EPA 8260B with MTBE	N		
H30052M\$D	NEA-MW28-5S-GW-TH30052MSD-MSD	07 OCT 2004		O ML VOA Viel	3 HCI-pH2	Dissolved Gases by RSK 175	N		
H30052MSD	NEA-MW28-5S-GW-TH30052MSD-MSD	07 OCT 2004	1	50 ML HDPE	1 H2SO4 <ph2< td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td></td><td>1</td></ph2<>	Nitrate by EPA 300.0A	N		1
H30052MSD	NEA-MW28-SS-GW-TH30052MSD-MSD	07 OCT 2004	1	50 ML HDPE	1 None except cool to 4 C	Sulfate by EPA 300.0A	N;		
H30053	OW-1-GW-TH30053-FD	07 OCT 2004		0 ML VOA Vial	3 HCIOH 2	VOC by EPA 8260B with MTBE	N <sub>1</sub>		
H30053	DW-1-GW-TH30053-FD	07 OCT 2004		0 ML VOA Viei	3 HCI <ph 2<="" td=""><td>Dissolved Gases by RSK 175</td><td>N</td><td></td><td></td></ph>	Dissolved Gases by RSK 175	N		



# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: LH041007

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Sample No	Sample Name	Sample Date	Sample Time			Requested Testing Program	FA CID	QC Lvi	Condition On Receipt	
TH30053	OW-1-GW-TH30053-FD	U7 OCT 2004	09:00 2	50 ML HDPE	11	H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 800.0A</td><td>N!</td><td>1</td><td></td></ph>	Nitrate by EPA 800.0A	N!	1	
TH30053	OW-1-GW-TH30053-FD	07 OCT 2004	09:00 2	50 ML HDPE	71	None except cool to 4 C	Sulfate by EPA 300.0A	N		
71130054	OW-1-GW-TH30054-REG	97 OCT 2004	09:00 4	O ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>1-</td><td><u>.</u>.</td></ph>	VOC by EPA 8260B with MTBE	N	1-	<u>.</u> .
TH30054	OW-1-GW-TH30054-REG	07 OCT 2004	09:00 4	O ML VOA Viai	3	HCI <ph 2<="" td=""><td>Dissolved Gases by RSK 175</td><td>N</td><td></td><td></td></ph>	Dissolved Gases by RSK 175	N		
TH30054	OW-1-GW-TH30054-REG	07 OCT 2004	09:00 2	50 ML HDPE	_	H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td></td><td></td></ph>	Nitrate by EPA 300.0A	N		
TH30054	OW-1-GW-TH30054-REG	07 OCT 2004	09:00 2	50 ML HDPE	1	None except cool to 4 C	Sulfate by EPA 300.QA	N	╫	
11H30055	OW-2-GW-TH30055-REG	07 OCT 2004	15:15 4	0 ML VOA Viel		HCI <ph 2<="" td=""><td>, VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td></ph>	, VOC by EPA 8260B with MTBE	N		
TH30055	OW-2-GW-TH30055-REG	07 OCT 2004	15:15 4	O ML VOA Vial	13	HCI <ph 2<="" td=""><td>Dissolved Gases by RSK 175</td><td>N *</td><td>╆╼┼</td><td></td></ph>	Dissolved Gases by RSK 175	N *	╆╼┼	
TH30055	OW-2-GW-TH30055-REG	07 OCT 2004	15:15 2	50 ML HDPE		H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td>-</td><td><del></del></td></ph>	Nitrate by EPA 300.0A	N	-	<del></del>
TH30055	OW-2-GW-TH30055-REG	07 OCT 2004	15:15 2	50 ML HDPE	1	None except cool to 4 C	Sulfate by EPA 300.0A	N	-	tapata Tapata
ÎTH30056	OW-3-GW-TH30056-REG	07 OCT 2004	·	ML VOA Vial		HCKpH 2	VOC by EPA 8260B with MTBE	N		randraman in a construction of
TH30056	DW-3-GW-TH30058 REG	07 OCT 2004	15:18 4	0 ML VOA Vial		HCKpH 2	Dissolved Gases by RSK 175	N	-	madematical distribution
TH30056	OW-3-GW-7H30056-REG	07 OCT 2004	<u>.                                    </u>	50 ML HOPE		H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 300,0A</td><td>N</td><td>-</td><td>May lariffeit fram the larine free section of the s</td></ph>	Nitrate by EPA 300,0A	N	-	May lariffeit fram the larine free section of the s
H30056	OW-3-GW-TH30056-REG	07 OCT 2004	<u> </u>	50 ML HDPE		None except cool to 4 C	Sulfate by EPA 300.0A	N	<del></del>	AN ANTONOONE SOLO IN TARABATA
TH30057	OW-4-GW-TH30057-AB	07 OCT 2004		ML VOA Vial	_	HCI-OH 2	VOC by EPA 8260B with MTBE	N	-+	aurem an acarta de la factoria estado. Na
TH30057	OW-4-GW-TH30057-AB	07 OCT 2004		ML VOA Vial		HCKpH 2	Dissolved Gases by RSK 175	N		
TH30057	OW-4-GW-TH30057-AB	07 OCT 2004		50 ML HDPE		H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td></td><td>· · · · · · · · · · · · · · · · · · ·</td></ph>	Nitrate by EPA 300.0A	N		· · · · · · · · · · · · · · · · · · ·
TH30057	OW-4-GW-TH30057-A8	U7 OCT 2004		50 ML HDPE		None except cool to 4 C	Sulfate by EPA 300.0A	N	┝	ř
TH30058	DW-4-GW-TH3006B-REG	07 OCT 2004		ML VOA Vial		HCKpH 2	VOC by EPA 82608 with MTBE	N		ť ,
TH30058	OW-4-GW-TH30058-REG	07 OCT 2004		ML VOA Vial	-	HCI <ph 2<="" td=""><td>Dissolved Gases by RSK 175</td><td>N</td><td><del> }</del></td><td></td></ph>	Dissolved Gases by RSK 175	N	<del> }</del>	
H30058	DW-4-GW-TH30058-REG	07 OCT 2004		50 ML HDPE	_	H2SQ4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td>-</td><td>### Trace   100  </td></ph>	Nitrate by EPA 300.0A	N	-	### Trace   100
H30058	OW-4-GW-TH30058-REG	07 OCT 2004		50 ML HDPE	<u>.                                    </u>	None except cool to 4 C	Sulfate by EPA 300.0A	N	┝╼┪╴	
H30059	P18-1-GW-1H30059-REG	07 OCT 2004		ML VOA Vial		HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N		
H30059	P18-1-GW-TH30059-REG	07 OCT 2004		ML VOA Vial	_	HCKpH 2	Dissolved Gases by RSK 175	N	-	<del>and the state of </del>
H30059	P18-1-GW-TH30059-REG	07 OCT 2004	Complete Name of the	O ML HDPE		H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td></td><td>Marine to the Company of the Company</td></ph>	Nitrate by EPA 300.0A	N		Marine to the Company of the Company
H30059	P18-1-GW-TH30069 REG	07 OCT 2004		O ML HDPE		None except cool to 4 C	Sulfate by EPA 300.0A	N.	<u></u>	Rus raunicere rasibility, f. 2. segre
H30060	P18-2-GW-TH30060-REG	07 OCT 2004		MIL VOA Vial	٠	HCKpH 2	VOC by EPA 8260B with MTBE	N	<del> </del>	
H30060	P18-2-GW-TH30060-REG	07 OCT 2004		ML VOA Vial	ــــــــــــــــــــــــــــــــــــــ	HCKpH 2	Dissolved Gases by RSK 175	-N		
H30060	P18-2-GW-TH30060-REG	07 OCT 2004		O ML HDPE	4—	H2SO4 <ph 2<="" td=""><td>Nitrate by EPA 300.0A</td><td>N</td><td></td><td></td></ph>	Nitrate by EPA 300.0A	N		
H30060	P18-2-GW-TH30060-REG	07 OCT 2004		O ML HDPE	1	None except cool to 4 C		N	┝╼╌├╌	
1430061	FIELDQC-WA-TH30061-T6	07 OCT 2004		ML VOA Vial	-	HCKpH 2	VOC by EPA 82608 with MTBE	N	<del></del>	



#### ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: TH041025\_SV

Page 1 of 2

Project Number: 829564

Samples Shipment Date: 25 OCT 2004

Bill To: Greg Plamondon

Project Name: WPAFB

Lab Destination: Severn Trent Lab

Norwood OH 45212

Sample Coordinator: Marie Chiller

Lab Contact: Denise Pohl

Turnaround Time:

Report To: Greg Plamondon

Project Contact: Denise Pohl

5050 Section Ave

5050 Section Ave

normal

Carrier/Waybill No.: Relinquished to STL/ Cinci

Norwood OH 45212

Archive

Special Instructions:

Possible Hazard Indentification:

Flammable

Skin Irritant

Unknown /

Sample Disposal: Return to Client

(mos.)

1. Relinguished By (Signature/Affiliation)

Date: 10/25/04 Time: 1700

1. Received By (Signature/Affiliation)

Date: Time:

2. Relinquished By (Signature/Affiliation)

Date: Time:

Poison B

2. Received By (Signature/Affiliation)

Date:

3. Relinguished By

Date: Time: 3. Received By (Signature/Affiliation)

Time: Date: Time:

(Signature/Affiliation)

Comments:

Non-hazard

Sample No	Sample Name	Sample Date	Sample Time Container	Ctr Qty	Preservative	Requested Testing Program	Fil CID	Condition On Receipt
TH50040	RCC-CU2-S'/01-SG-TH60040-REG	25 OCT 2004	14:45 5 L Tedlar Bag	1 No	ne Specified	BTEX, TVH by TO-2 and Fixed Gas- D1946	es by N	
TH60041	R00-002-8902-8G-TH60041-REG	25 OCT 2004	10:50 5 L Tedlar Bag	1 No	ne Specified	BTEX, TVH by TO-2 and Fixed Gas D1946	es by N	
TH60042	ROD-0U2-\$V03-SG-TH60042-REG	25 OCT 2004	15:05 5 L Tedlar Bag	1 No	ne Specified	BTEX, TVH by TO-2 and Fixed Gas-	es by N	
TH60043	ROD-0U2-SV06-SG-TH60043-REG	25 OCT 2004	10:00 5 L Tedlar Bag	1 No	ne Specified	BTEX, TVH by TO-2 and Fixed Gase D1946	es by N	
TH60044	ROD-OU2-SV07-SG-TH60044-REG	. 25 OCT 2004	11:05 5 L Tedlar Bag	1 No	ne Specified	BTEX, TVH by TO-2 and Fixed Gas D1946	es by N	



#### ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: TH041025\_SV

Page 2 of 2

Sample No	Sample Name	Sample S Date	Sample Time	Container	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
TH90046	ROD-OU2-SV08-SG-TH60046-REG	25 OCT 2004	09:30 5 L	. Tedlar Bag	1 None Specified	BTEX, TVH by TO-2 and Fixed Gases by D1946	N		
TH50047	ROD-0U2-SV09-SG-TH60047-REG	25 OCT 2004	11:22 5 L	Tedlar Bag	1 None Specified	BTEX, TVH by TO-2 and Fixed Gases by D1946	N		
TH30048	ROD-0U2-SV08-SG-TH50046-A8	25 OCT 2004	09:10 5 L	. Tedlar Bag	1 None Specified	BTEX, TVH by TO-2 and Fixed Gases by D1946	N .		
TH60049	ROD-OU2-SV10-SG-TH60049-REG	25 OCT 2004	12:05 5 L	Tedlar Bag	1 None Specified	BTEX, TVH by TO-2 and Fixed Gases by D1946	N	.	
TH60051	ROD-0U2-SV12-SG-TH60051-REG	25 OCT 2004	15:30 5 L	Tedlar Bag	1 None Specified	BTEX, TVH by TO-2 and Fixed Gases by D1946	N		
TH60052	ROD-0U2-SV13-SG-TH60052-REG	25 OCT 2004	16:03 5 L	Tedlar Bag	1 None Specified	BTEX, TVH by TO-2 and Fixed Gases by D1946	N		
TH50053	ROD-0U2-SV14-SG-TH60053-REG	25 OCT 2004	11:50 5 L	Tedlar Bag	1 None Specified	BTEX, TVH by TO-2 and Fixed Gases by D1946	N		
TH60054	ROD-0U2-SV06-SG-TH60054-FD	25 OCT 2004	10:00 5 L	Tedlar Bag	1 None Specified	BTEX, TVH by TO-2 and Fixed Gases by D1946	N	**	
TH30055	ROD-0U2-\$V15-\$G-TH60056-REG	25 OCT 2004	11:35 5 L	. Tedlar Bag	1 None Specified	BTEX, TVH by TO-2 and Fixed Gases by D1946	N.		



#### ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: TH041027\_SV

Page 1 of 1

Project Number: 829564

Samples Shipment Date: 27 OCT 2004

Bill To: Greg Plamondon

Project Name: WPAFB

Lab Destination: Severn Trent Lab

5050 Section Ave Nerwood OH 45212

Sample Coordinator: Marie Chiller

Lab Contact: Denise Pohl

Turnaround Time: normal

Report To: Greg Plamondon

Project Contact: Denise Pohl

Skin Irritant

5050 Section Ave

Carrier/Waybill No.: Relinquished to STL/ Cinci

Norwood OH 45212

Special Instructions:

Possible Hazard	Indentification:
-----------------	------------------

Flammable

Sample Disposal:

Poison B

Date:

Time:

Return to Client

Disposal by Lab

Archive

(mos.)

1. Relinquished By (Signature/Affiliation) /

Date: 10 / 29/04

Received By

Date:

Non-hazard

Time: 1 500

(Signature/Affiliation)

Time:

2. Relinquished By (Signature/Affiliation)

2. Received By (Signature/Affiliation) Time:

Date: Time:

3. Relinquished By (Signature/Affiliation)

3. Received By Date: (Signature/Affiliation)

Date: Time:

Comments:

Sample No

Sample Name

Sample Sample

Ctr Container

Preservative

Requested Testing

Condition On Estelpi

TH80045

ROD-0U2-SV11-SG-TH90045-FD

09:00 5 L Tedlar Bag

1 None Specified

Program

BTEX, TVH by TO-2 and Fixed Gases by N

TH60050

ROD-0U2-3V11-SG-TH60050-REG

09:00 5 L Tedlar Bag

1 None Specified

D1946 BTEX, TVH by TO-2 and Fixed Gases by N

D1946

**OU2** Water Level Field Log

Datas	9/28/04
Date:	9/08/07

#### OU2 Water Levels for the LTM Program Wright-Patterson AFB, Ohio

Shaw Personnel: _	KH
	JP

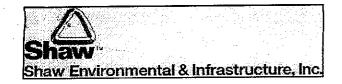
	TOC	Log	Well	LEL	PID	Static Dept	h to Water	
Well No.	Elevation	Time	Secure	Reading	Reading	TOC	TOPC	Comments
	(ft, MSL)	· · · · · · · · · · · · · · · · · · ·	(Y/N)	(%)	(ppm)	(ft)	(ft)	
04-016-M	818.33	1213	Y	NA	MA	8.57		on the flight line
04-517-M	821.96	1500	Υ	NA	NA	8,23		
04-606-M		1512	Y	NA		10.64		
OW-1	817.20	1415	Υ.	NA	M	8.53	·	
OW-2	817.64	1110	Y	NA	VΩ	10 U8		on the flight line
OW-3	819.04	1113	Y	MA		12,44		on the flight line
OW-4	817.20	1103	Y	NA.	NA	16.57	<del></del> -	on the flight line
OW-6	816.40	2501	Y	NA	M	10.66	<del></del> -	on the flight line
MW11-1	821.33	1505	Y	NA	MA	11.70		
P16-1	816.50	1206	4	MA	NA	5.03		on the flight line
P18-1	816.72	اه که	Y	NA	M	10.46		on the flight line
P18-2	817.91	1109	Y	NA	W)	2ي. ١١		on the flight line
NEA-PZ32	821.60	1516	Y	NΑ	M	10.29		
NEA-MW20-2S	821.49	1520	Y	NΑ	M	9.55	<b>~</b>	
NEA-MW21-3S	820.85	1525	Y	MA		10.98		1
NEA-MW22-3S	817.87	1152	Y	MA	NA	7.53		on the flight line
NEA-MW23-2S	816.50	1145	Y	<b>M</b>	NA	7,71		on the flight line
NEA-MW24-2S	818.68	1154	4	MA	MΘ	9.81		
NEA-MW25-3S	815.20	1130	Υ	λΉ	NA	10.01		on the flight line
NEA-MW26-3S	819.23	1445	Y	NΑ	MA	12,56		
NEA-MW28-5S	818.50	1500	Υ	MA	Ma	11,08		
NEA-MW29-2S	817.92	1135	Υ	NA	MΆ	10-87		on the flight line
TOC = Top of casing								
TOPC = Top of protective	casing							
New 09/27/04								

#### Appendix H

Basewide LTM Groundwater Purge Logs and Sample Collection Forms

Bill of Lading from Perma-Fix – October

Please Refer to the Enclosed CD LTM Report: October 2004 Field Forms



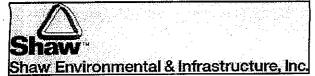
Page 1 of 2

TE ID:	<u></u>	TM/B	UILOING 59	WELL ID:	<u>B 59</u>	-MW	<u>0</u> 1 s	SAMPLE NUM	IBER:	LH30	2156
mplers:	BU /5	,W '		Well Secure	e (Y/N)	<u> </u>		/ell Casing Di		_	
ging Metho	d / Equipme	nt: Micropuro	ie/ bladd	$\mathscr{N}$		Target	Purge Volume	e: <u> </u>	gal.	ار	
inding (Dep	th to Well Bo	ottom):	14.9		_ft.	Static	Water Level (	Depth to Wat	er):	3,35	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рH	cond. (m)4) m5/cm	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
0/15/04	0925		6.00	init	20.04	5,99	1,17	16.5	29	5.28	Clear
1-1-1-1	0930		6.57	0.25	20,83	6.8	0,441	6.7		6.73	
	0935		6,90	0.3	20,35	7.00	0.385	6,6	32	6.78	
	0940		7.58	0,6	20.03	7.55	6,270	16.5	52	6.93	- Sage
	0945		8.15	0.95	20,98	7.76	6.277	3,6°	58	6.24	
	12950		8.34	1.0	7.0.27	7.79	0,278	8,5	63	5.98	
	0955		8.57	1.05	19.38	7.84	0.269	12.2	69	5.76	
,	1000		8.75	1.)	19.45	7 90	0.262	14.9	71	5.55	
	1005		8,98	1.2	19.46	792	0.261	14.8	73	5,32	
	1010		9.13	1.3	19.46	793	0,266	18.4	75	5.14	
	1015		9.28	1.4	19.42	7,63	0.273	19.3	77_	4.95	
	1020		9,49	451	7 19.42	7.84	6,290	0,3	22	4,45	18.
	1025		9,70	1.9	19.51	7.74	0.332	1.0	<b>6</b> 5	3,90	
	1030		9,00	2.0	19.06	7.06	0.428	1.9	<b>७</b> २	3.41	
Paramete SVO	ers (Circle A	applicable)(	VOC (HCI)		ıls (HNO₃) Fi Ammo			ethane/Ethan Furans		ICI) Sulfat xtra Extracta	e Nitrate(H₂SO₄) able
OC Samul	es Taken (C	ircie Annlic	able): (None	Duplica	ate:		MS/MSD:			Split:	
		to 1510	. \ _		Collection Tim		247	Prepare		swell	<u>.</u>

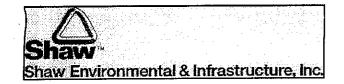
WELL ID: BS9-MWU)

	7		~
Page	4	of	_
. ~9~		٠.	

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (Mg/L)	Water Description
10/15/04	1035		9,90	2,05	18.70	7.59	0.469	2.5	97	3.04	
	1040		997	2.10	18.64	7,56	0.481	2.9	97	2.63	
	1045		BTD @9.7	2.15	19.74	7.57	6.509	3.9	85	2.75	
	1047			an-pl	2		•				
	1099		Bre	final	18.59	7.50	0.640	7.0	97	7.04	
				`							
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	<del></del>									-	
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	Marr				•						
<u> </u>											
											MONEY III
										<u> </u>	

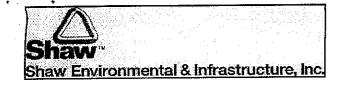


	PROJECT 829564 Page <u>1</u> of												
SI	SITE ID: LTM BUILDING 59 WELL ID: B59 - MWOZ SAMPLE NUMBER: LH 30 157  Samplers: BUW MCWUU Well Secure (Y/N) Y Well Casing Diameter: in.												
Samplers: BUM   MCMILLO Well Secure (Y/N) Y Well Casing Diameter:in.												in.	
	Purging Method / Equipment: Micropurge/Baddlu Puvup Target Purge Volume:gal.												
Sounding (Depth to Well Bottom): 3.9 ft. Static Water Level (Depth to Water): 10.15 ft.											ft.		
я	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) MS/Cin	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
	10/12/01	1022		11.32	Tuibal	17.15	7.27	2.42	3.5	-102	2.13		
	<del></del>	1027		11.34		17.76		1,24	1.8	-141	0.49		
		1032		11.30	0.8	17.84	7.24	1.02	5.5	-144	0.35		
		1037		11.32	1. [	17-84		0.96		~142	0,32		
		1042		11.42		17.89		0.95	8.2	-139	030		
		1047		11.30	1.6	17.95	7.18		11.1	-138	0.28		
		1052		11.24	1.9	17.97		6.94	9.0	-137	0.26		
		1057		11.24	2.2	17.91		0.94		-137			
		1102		11.24	2.4	18.07		0.94	9.7				
	·.	1107		11.24	2.6	17.98	7:18	0.94	2.1	-136	0,24		
			sanu	سعام				0.0	. , -		. , , , , , , ,		
İ		1136		11.23	FINAL	18.06	7.21	0.93	4,+	-122	1.41		
											,		
Te	Test Parameters (Circle Applicable) VOC (HGI) Total Metals (HNO <sub>3</sub> ) Filtered Metals (HNO <sub>3</sub> ) Methane/Ethane/Ethane (HCI) Sulfate Nitrate(H <sub>2</sub> SO <sub>4</sub> )												
	SVOC Pesticides / PCBs Cyanide (NaOH) Ammonia (H <sub>2</sub> SO <sub>4</sub> ) Dioxin / Furans Extra Extractable												
QA	QA/QC Samples Taken (Circle Applicable): None Duplicate:MS/MSD:Split:												
				404									



Page 1 of 1

SITE ID:	LT	M/BU	11LDING 50	WELL ID:	<u>B59</u>	- MW	<u>53</u> s	SAMPLE NUN	MBER:	LH301	58
Samplers:	umin	<u>achill</u>	<u>e</u> u	Well Secure	∋ (Y/N)	<u>Y</u>		Vell Casing Di	ameter:	2	in.
			gel Blado			Targe	t Purge Volum			_	
Sounding (Dep	pth to Well B	ottom):	19.5		_ft. ·	Static	Water Level (	(Depth to Wat	er):	<u>,90</u>	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. -(mV) MSILHU	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/12/04	0836		11.42	Jin hal	17.92	6.91	0.93	12.9	-114	3.55	
1 1	0841		11.40		16.73	6.98	0.779	11.10		3.20	······································
	0846		11.18	0,9	15,59		0.774			2.39	
	0851		11.51	1.			0.830		-113		
	0856	1	11.54	1.3	17.29	7.07	0.826	14.1	-104	1.35	
	0901		11.40	1.4	17.31	7.07	0.823	13.8	-103	1.17	
	0906		11.30	1.00	16.810	7.07	0.879		-104	1.02	
	0911		11.30	1.9	12.18	4.07	0.899	15.3	-106	980	
	09110		11.20	3.0	1207	7.07	0.908	17.1		0.74	
	0921		11.20	2.1	17.26	4.07	0.919	15.9	-106	0.71	
	0926		11.10	2.2	17.05						
		sanu	ble:		_						
	1004		11.38	Snal	17,04	7.10	0.98	6.0	-83	2.63	
				`							
Test Paramete	ers (Circle A	Applicable Y	VOC (HCI)	Total Meta	ıls (HNO₃) Fi	Itered Metals	s (HNO3) Me	ethane/Ethan	e/Ethene (H	CI) Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
		1	Cyar Cyar								
			cable): None								
Sample Collec	ction Date:	10/12/	04	_ Sample (	Collection Tim	e: <i>O</i>	928	Prepare	ed by: M	Chile	<u> </u>

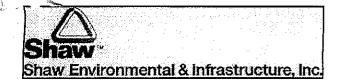


Page 1 of 2

SIT	E ID:	1-	TM/BU	1121NG 50	WELL ID:	B59-	MOU	<u> </u>	SAMPLE NUM	BER:	LH30160	<u>)                                    </u>
San	nplers:	KH, B	F '		Well Secure	e (Y/N)	<u> </u>	W	/ell Casing Dia	ameter :	೭	
Pun	ging Metho	d / Equipme	ent: <u>Micropur</u> g	e/ BLADOS	M PUI	me	Target	Purge Volume	e: <u>2</u>	gal.		
				17_							اما. ها	<u>7ft.</u>
-	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. _(m\f) nS/Cn/1	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
ľ	101504	0939	IWT	7.50	125	18.32	6.55	0.754	34.5	104	3.17	
┢	<del>     </del>	0944	0.02	7.50	0,10	18,50	7.37	0.703	268	44	1.62	
		0949	0.02	7.50	6,26	19.14	9.5(	0.536		-29	1.89	
		०५५५	0.02	7,50	0:36	19.28	10,48	0,499	25.1	- 53	3.10	
I		0959	ه ريد	7,50	0,46	19,24	10,87	0,68	2≥7.4	-60(	4,20	
		1004	50,02	7.50	0,50	19,28	10.99	0.523	25.0	-59	4,74	
		1009	0 02	7,20	0.60	1921	10,89	0.5}6	24,5	~57	4,59	
		10 14	0.06	7.50	0,90	19.07	10,81	०,५५	22.4	- 24	4.34	
ſ		1019	0.02	7.50	1,00	18.92	10,79	0.562	23.1	-49	3.98	
$\Gamma$		1024	0,02	7,50	1.10	19,00	المجاء 10	8.575	16.5	-44	3.33	
		1029	0.00	7,50	1.20	19,00	10,49	_ کەي. ە	14.4	-}7	2.92	
		१७२५	0.02	7,50	1.30	19.18	10,27	4 يون. ٥	10.5	-とフ	2.48	
		10)9	20,0	7.50	1,40	14.18	16,00	0,709	12,2	-13	1,95	
		१७५५	0.52	7.50	1.50	19.24	9,77	o.75°	10.5	<u> </u>	161	
Tes		•		VOC (HCI)		•						Ni <del>trate(H₂SO₄)</del>
			esticides / Po	•	•	ommA,					<del>ixtra Extractable</del>	•
QA/	QC Sampl	es Taken (C	Circle Applic	able): None	Duplica	ate: <u>LH3</u>	30159	MS/MSD:_	*****		Split:	<del></del>
Şan	nple Collec	ction Date:	10	15 04	_ Sample 0	Collection Tim	e: <u>11 3</u>	4	Prepare	d by:	KYLÉ	HAVENS

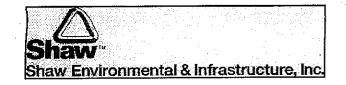
WELL ID: <u>859 - MW 09</u> Page 2 of Z

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (Mg/L)	Water Description
Wiston	1049	0.10	7.50	1,60	19.27	9.5 ک	مگا8،0	9.8	7	1,5%	
1,7,1	1054	0.10	7,50	1.70	19.25	9,29	0.9,2	8.2	1	1,31	
	1059	0,10	7,50	1.80	19,27	9.07	1,20	Ť,4	28	1,01	
	1104	0.10	7,50	1,40	19.32	9.04	1,23	<u>( 3</u>	29	1,63	
	1109	٥٠٠٥	7,50	2,00	19.30	8.91	1,29	5.7	34	0.89	
	(try)	0.10	7.50	2.10	19,18	9.74	1,40	4,5	41	0.70	
	1119	0,10	7,50	2.20	19.21	8.67	1.57	5.9	45	0506	:
	1121		AMPLE	U	H 30160						
:	1125	FINAL	7.50	Final	14,20	8.65	1,46	4.3	4(	0.57	
				:							



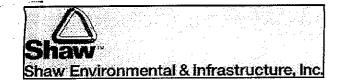
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Page	1	of	,

		IR	55		PR	OJECT 829	564				Page <u>1</u> of
SITE ID:	<u>L11</u>	MIB	174 B		<u>B</u> 5			SAMPLE NUI	MBER:	LH30	168
Samplers:				Well Secur	e <i>(</i> 9/N)	<u> </u>	v	Vell Casing D	iameter :	2'	, . in.
Purging Metho	od / Equipme	ent: <u>Micropur</u>	ge/Bladd	er Pum	<del></del>	Targe	t Purge Volum	e: <u>2</u>	gal.		
			BURE O				: Water Level			30.88	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) MS(CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/19/04	1408		30.88	INITIAL	13.70	7-38	,9/	20.6	103	8-45	CLRAP
)	1413		31.00	0.5	13.31	7.13	,94	12.4	105	6.51	CLEAR
	1418		30.98	1.1	13.29	7.10	•94	10-6	105	6.66	CLEAR
	1423		31.00	1.9	13.28	1.10	194	6.0	104	6.68	clear_
	1428		31.00	2.6	13.27	7.10	,94	5.7	107	6.69	CLEAR
	1433		31.00	3-1	13,27	7.10	,94	4.3	105	6.60	CLEAR
	1438		30.99	40	13,27	7.09	-94	4.2	105	6.62	CLEAR
	1440	Collec	ited SA	mpre							
	1442		3/00	4.a Final	13.28	7.19	.93	3.3	105	8.83	CLEAR
est Paramete SVO		Applicable): esticides / Po	VOC (HCI)		ıls (HNO₃) Fi Ammo				•	-	Nitrate(H₂SO₄)
		:		_				Furans		xtra Extractat	л <b>е</b>
			cable): None	Duplica دین	ate:		· ·				
mole Collec	tion Date:	10/1	الم ا ۵	Sample (	Collection Tim	آ	440	Dronara	dhe /	LE / S	11/



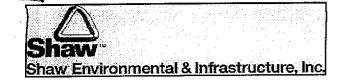
Page _1_	of
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SI	ΓΕ ID:	<u>L</u>	TMI	B 5 5	WELL ID:	<u> </u>	1-P-Z		SAMPLE NUN	MBER:	LH30	169
Sa	mplers:	BF	<u>sw</u>		Well Secure	e (Y/N)	<del>Y</del>	v	Vell Casing Di	iameter :	2	in.
				ge/ blade			Target	: Purge Volum	e: <u> </u>	gal.	21/2	
So	unding (Dep	th to Well B	ottom):	40		_ft.	Static	Water Level (	Depth to Wat	:er):	31.42	ft.
-	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рĦ	Cond. (1947 mS/044	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
	10/19/194	1315	3	31.43	Init	13.83	7.25	0.637	0	102	9.17	
		1320		3i 43	0.6	13.33	7.03	B 866	15.0	101	7.32	
		1325		31,43	0.9	13.53	7.02	0,863	3.3	101	7,26	*.
		1330		31.43	1.4	13,45		0.862	10/	101	7.19	
		1335		31.43	1.8	13.42	7.02	0,663	0.0	101	7-16	
		1340		31,43	2.0	13,43	7.02		0.0	102	7.19	· .
		1345		31.43	2.1	13.43	7.06	0.963	0.0	102	7.17	₹
		1350	4	31.43	2.6	13.34	7.02	0.963	0.0	102	719	
		1352	Coll	et san	pla_							
		1354		31.43		(3.37	7.09	0.990	0.0	104	8.40	
									******			
Te	st Paramete SVOC		Applicable): esticides / Po	VOC (HCI) CBs Cyar		als (HNO₃) Fi Ammo		-		•	Cl) Sulfate dra Extractat	Nitrate(H₂SO₄)
QA	/QC Sampl	es Taken (C	Circle Appli	cable): (None	Duplica	ate:		MS/MSD:_			Split:_	<del></del>
Sa	mple Collec	tion Date:	10	19/04	Sample (	Collection Tim	ie: [	352_	Prepare	ed by:	Sutt	



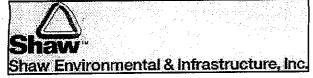
Page 1 of

SITE ID:	L	TM	BS <u>5</u>	WELL ID:	BS5	-P-3	<u>)</u>	SAMPLE NUM	BER:	LH301	7 <u>0</u>
Samplers:	ΚH	<u> </u>		Well Secure	∍ (Y/N)	Υ .	v	ell Casing Dia	ameter:		in.
Purging Metho	d / Equipme	nt: <u>Micropurc</u>	e Riado	er pund	<del>)</del>	Target	Purge Volume	e: <u>2                                    </u>	gal.	36.	
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. LIMY MS1CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
roligion	1321	ایمر	36,10	1.77	, 4,53	7.37	1,20	46,2	150	8,59	CUZUT
	1326	0.10	36.10	0.50	14,12	7.24		84.3	145	5.44	U
	1331	0.10	36,10	1,00	14,17	7,25		75.8	142	5.47	ę i
	1336	0.10	300110	1.50	14,15	7,26	1.16	24,5	141	.7.56	CLEARING
	1341	0.00	36.10	2.00	14,14	7.27	1.18	9.4	140	269	CUMP
	1340	0.16	36.18	2,50	14.07	7,27	lice	7.0	141	5.68	
	1351	010	36,16	3,00	1402	7.23	1,15	9.4	, पर्	5.79	VI.
	1728		DAMPLE	# し	H 30170						N1
	13<5	PIMAL	300,00	Pinne	14,04	7.34	1.15	7.7	146	9.66	L (
			,								
s <del>∨o</del> c	Pe	sticides / PC		i <del>de (NaOH)</del>	Ar <del>nmer</del>	<del>iia (H₂SO₄).</del>	Dioxin /	Furans—	E	dra Extractable	
			$\cdot$ . $\smile$	/ Duplica	ate:	•	_			Split:	
ample Collec	tion Date:	10	ارمامه	Sample 0	Collection Time	<b>:</b> :	12.21	Prepare	d bv:	LYU	5 HALLEYS

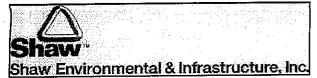


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			e/ BLA Jo		ft.					35.7	7ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. .(##V) MSlOW	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
ioliala	1405	)wi	35.77	1711	14,87	7,45	1,39	69.1	145	7.05	crowy
	१५७	0.00	3≤.ז٦	0.50	1435	7.27		47. L	146	7.12	ч
	1415	0.0	85.77	1,00	1435	<u> 7. 27</u>		25.3	१५६	732	CHEVAN
	1420	0.0	75.77	<u>, 50.</u>	14.88	ኌኒኒ		13.8	144	720	11
	1428	0.40	35.77	2,00	, 4,98	7.26		10,0	<u> </u>	7,14	( (
	1430	040	35.77	2,50	14,86	7.26	1,31	4,0	120	6.78	ę (
	1435	0160	35.77	3,00	14136	7.20	1,31	3.9	153	7.10	11
	1437		SAM	BN=	मिधारेग	TT (KIF)	_# <i>U</i>	13017			
	।५५०	DINAC	35.77	AMA	14व।	7.34	1.31	2.5	154	(۲۰.۵)	•
<b>3</b>	rs (Circle A	oplicable):	ADC (HCI)	Total-Metal	l <del>s (H</del> NLO <sub>3</sub> ) Fill	tered Metals	HNO <sub>3</sub> ) M	ethane/Ethane	/Ethene (H	CI) Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )



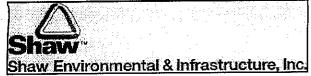
<u> </u>				_		PRO	WPAFB, OH DJECT 8295					Page <u>1</u> of	1_
SITE	ID:	سا	m/Bu	LDING 79/9	WELL ID: _	B79 c	10-1	MWOI:	SAMPLE NUM	IBER:	LH30	0161	,
Samp	iers: 🔟	nchill	erBu	U	Well Secure	e (Y/N)	<del>Y</del> _	v	Vell Casing Di	ameter :	<u> </u>	in.	
				gel Blando									
				24		1	Static	Water Level	(Depth to Wat	er): <u>(</u>	80	ft.	
4	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (may) MS/CNU	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
10	08/02	1134		7.19	Linital	18.11	7.18	1.18	999	-41	4.08	Chardy-possib	ly
		1139		8.100	0.9	15.38	7.08	1.14	420	-108	0.37	bentonik-	
		1144		8.98	2.0	15.43	7.08	1.16	293	-111		increased pun	
		1149		9.02	3,5	15.25	7.09	1.16	169	-113		to clear with	þ
		1154		9.13	5.0	15.32		1.16	123	-113		bendonide	
		1159		9.45	6.0	15.80	7.09	1:18	49.7	-115	ા છ		1
		1204		9.10	7.6	15,76		1.18	136	-117	0.17		
		1209		9.10	8.0	15/8/	4.10	1.18	207		0,17		
		1214		9.10	8.5	15.86	7110		213		0.13-		
		1219		9.10	9.0	15.87	7,10	1.18	809	-119	0.16		1
		1990	same	ale _			-		0.00				
		1229		9.10	final	16.42	7.15	1.17	835	-105	1.28		-
		•											
	<del></del>												<u> </u>
Test F	Paramete	ers (Circle A	Applicable)	VOC (HCJ)	Total Meta	als (HNO₃) Fi	Itered Metals	s (HNO <sub>3</sub> ) M	ethane/Ethan	e/Ethene (H	CI) Sulfat	e Nitrate(H₂SO₄)	
	SVO		esticides / Po			Ammo					tra Extracta		
QA/Q	C Sampi	les Taken (0	Circle Appli	cable): Non	Duplica	ate:		MS/MSD:			Split:_		
				3/04		Collection Tim	e: <u>}</u>	( <u>20</u>	Prepare	ed by: <u>///</u>	Chill	er	•



WPAFB, OH PROJECT 829564 Page 1 of 1 SITE ID: LTM/BUILDING 79/45 WELL ID: B790/D-MWOZ SAMPLE NUMBER: LH 30162 Well Secure (Y/N) Y Well Casing Diameter : 2 in. Samplers: 

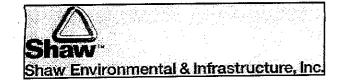
KH, BF Purging Method / Equipment: Micropurge/ B-ADDEN PUM Target Purge Volume: 2 gal. Sounding (Depth to Well Bottom): 29.0 ft. Static Water Level (Depth to Water): 4.14 Turbidity Redox DO Water Cond. Purge Dynamic Volume Temp Date Time (C°) \_-(miV) (NTU) Description Purged Rate H2O Level (24hr) (mV) (mig/L) mslow (gal/min) (gal) 5.90 45.6 9,16 14.41 1.16 10/12/01 ०४३३ 125 CUPMR 4.14 WT INT 14.38 6,61 1.20 278.0 -360 8.25 CHOUDY 0838 5.45 0.50 269,0 6486 14.37 6.72 -36 8.41 0.1 5.45 1.00 1,21 ~34 287 24 80 5.45 1.50 14.36 (2.7) 1.21 285.0 0.1 14.29 -32 7.46 **ব.45** دي م) 2 3G(2) 0855 2.00 121 0.0 - 29 1.19 CUBANDO HORIBA CELL 2.45 250 14,26 6.80 1.19 1710 08 S8 0.1 CLUDY 14.36 6,82 8,45 0.1 1700 6090 LH 3dicoz KAMPUE 0905 - 2 건 3.66 14.28 6.42 CVONON FINAL 5.45 FIMAC 1.53 170,0 Test Parameters (Circle Applicable): (VOC (HCI) Total Metals (HNO3) Filtered Metals (HNO3) Methane/E SVOC Poeticides / PCBs Cyanide (NaOH) Ammonia (H2SO4) Dioxin / Furans Extra Extractable Duplicate: \_\_\_\_\_\_MS/MSD: \_\_\_\_\_\_Split: OEPA QA/QC Samples Taken (Circle Applicable): None Sample Collection Date: 10 10 10 Sample Collection Time: 1012 Prepared by: KYUE ITAUDVS

\* WELL IS TURBID PROM BENONITE



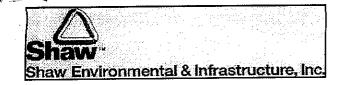
WPAFB, OH PROJECT 829564 Page 1 of 1 LTMBUILDING /95 WELL ID: LH 30163 B79<10 -MW03 SAMPLE NUMBER: SITE ID: Samplers: MChulle | BILL Well Casing Diameter: Well Secure (Y/N) Purging Method / Equipment: Micropurge/81adds RIVID Target Purge Volume: 6.59 Static Water Level (Depth to Water): Sounding (Depth to Well Bottom): \_\_\_ Turbidity Redox Water DO Volume pΗ Cond. Dynamic Temp Time Purge Date Description (my) (NTU) H2O Level Purged (C°) Rate (24hr) (mV) (mg/L) (ft) (gal) mslow (gal/min) Clouder 0.2 0.23 Total Metals (HNO<sub>3</sub>) Filtered Metals (HNO<sub>3</sub>) Methane/Ethane/Ethane (HCI) Sulfate Nitrate(H<sub>2</sub>SO<sub>4</sub>) Test Parameters (Circle Applicable): VOC (HCI) Cyanide (NaOH) Dioxin / Furans Extra Extractable Pesticides / PCBs Ammonia (H<sub>2</sub>SO<sub>4</sub>) SVOC LH30164 MS/MSD:\_ Duplicate: QA/QC Samples Taken (Circle Applicable): None Split: Sample Collection Time: 1115 

Sample Collection Date: 10/08



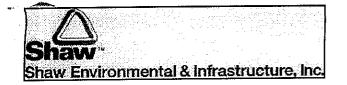
Page <u>1</u> of <u>1</u>

SITE	ID:	LTN	N/BULLD	WG 7/45	WELL ID: _	B790	10-MV		SAMPLE NUM			<u>65</u>	
Samp	olers: $oldsymbol{m}$	anilla	2 BU	A	Well Secure	(Y/N)		W	/ell Casing Dia	ameter:		in.	
Purgi	ng Metho	d / Equipme	nt: <u>Micropur</u> g	eBladd	erPur	1P	Target	Purge Volume	:_2	gal.	unable-	to take water la	vel due to
			ottom):			•	Static	Water Level (	Depth to Wate	er): N/A 3	Bentoni	to take water as te slughout top	a well casing
÷	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (m\/) MS CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
10	*Blod	0904		NA	Thitial	14.77	6.45	1.50	22.4		5.87		4
	'	0909		•	0.4	14.62		1.55	34.1	112	1.07		-
<u> </u>		0914			0.2	14,81	6.88	1.58	7.0	45	0.103	)	-
		0919				15.07		1,40	14.3	111	0.45		
		0924			1.5	15.21	7,03	1.31	13.2	17	1, 17		-
		0929			1,8	15.28	7,04	1.35	9.4	10	1.43		-
		0434			2.0	15,40	7.04	1.39	1117	10	1.49		$\dashv$
		0939			2.2	15,50		1,41	15.6	10	1.60		-
		0944		<u> </u>	2.4	15.62	7.05	1.42	13.2	14	1.62		$\dashv$
		09.53	samp	NA	final	15,50	7.08	1.47	9.4	_33	2.87		_
Test			Applicable):								CI) Sulfate xtra Extracta	e Nitrate(H₂SO₄)	
	SVOC		esticides / P0			Ammo		DIOXIII /	Furans	<b>L</b> .		IDIG	
QA/Q	C Sampl	es Taken (C	Circle Applic	:able):/ Non	e Duplica	ate:		MS/MSD:_			Split:_		¥.J
			0/08/0		Sample (	Collection Tim	ne:0	146	Prepare	ed by: <u>\</u>	(CHILL		78.



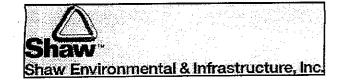
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mplers:			12	Well Secure	(Y/N)	Ÿ	w	ell Casing Di	ameter :	۷	in.
			e/ BLADO					_			
			45.5			Static	Water Level (i	Depth to Wat	er):	18.0	الد الد الد الد الد الد الد الد الد الد
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	cond.	Turbidity (NTU)	Redox (mV)	DO 🔏 (mg/L)	Water Description
10/12/04	1413	, W.	18,02	1NT	15.11	7,52	0.729	491,0	73	10.03	case
	1418	0.10	18.05	6.8	14/39	7.02	0.736	16,9	67	5.50	CUERR
	1423	0.10	(8.02	1,00	14.50	6.83	0.746	13-4	28	2.54	<b>\$</b> e
	1478	0.66	13,02	1.50	14,52	(0,88	0.749	10.0	3_	3,00	
	r135	0.10	1205	2.00	14.85	6,97	0.751	9.8	-1(0		V
	1438	0.00	18.02	2.50	15.00		0.754			1	16
	१५५३	0.00	18.02	3.00	12.08	6.99	0.756	9.1	-12	3.94	Ł(
	1445		SAMPA	E	# 4430						
	1452	Pinac	18.05	Pinac	12.28	7.22	0.758	3.8	13	۶.،٤	<u> </u>
									•		
s <del>voc</del>	— Pe s Taken (0	esticides / PC Circle Applic	eable): None	ide (NaOH)  Duplica	A <del>mmo</del> ate:	nia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin-/- MS/MSD:_	Furans	E:	ktra Extractab	Nitrate(H2SO4)



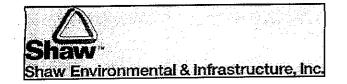
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E ID:	LTN	n 00:	10/042	WELL ID:	NEA -	MW34	<u>-</u> 25 s	SAMPLE NUM	IBER:	LH 30	194
nplers:	Kt	t BF		Well Secur	e (Y/N)	Y	v	Vell Casing Di	ameter:	2	in.
					um		Purge Volume	e: <u>2</u>	gal.		
			18.				Water Level (	Depth to Wat	er):	9.68	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (my) MSICM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
rolglor	1034	iwr	9.68	1771	15.42	7.55	0.664		73	9.79	crear
1012	1839	حرا	9.68			7.29	0.68)	2.1		4,53	16
	1044	1,0	9.63		15.60	7,20	0.665		66	2.13	•(
	1049	1,6	968	1,50	16.87	7.19	0.666	<u>o</u>	109	5.21	٠.
	1054	1,0	9,68			7,19	0.667		71		l f
	1059	1,0	9.69	2.50	16.06		0.669	<u>O</u>		5.27	41
	1164	10	9,68	3,00	16.15	7.20	0.666		77	270	٧(
	1100	. <u>S</u>	AMPL	<u>e                                      </u>	#3019	4					
	1109	Frma	9.68	FMAL	15.10	7.20	٥.65٩	ბ	88	<b>5.55</b>	b)
syoc	Pe	sticides / Po		i <del>de (NaOH)</del>	— Аппо	<del>nla (H₂SO</del> ₄)	Ðloxin /	Furans	Ex	dra Extractable	
ૂC Sample	s Taken (C	ircie Applic	able): (None	Duplic	ate:		MS/MSD:_			Split:	
											HAULIS



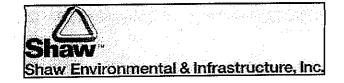
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Water Description	1 <b>7.</b> 10	er): Redox (mV)	Turbidity	Water Level (I	Static						rging Method
Description  C 15W/C	(mg/L)	,				_ft.	9. ጊ	(	ottom):	th to Well Bo	unding (Dept
1.(	2.15		(NTU)	Cond. (m/v) MS/(m	pН	Temp (C°)	Volume Purged (gal)	Dynamic H2O Level (ft)	Purge Rate (gal/min)	Time (24hr)	Date
		- 7 չ_	Ò	0.90	6.28	14,72	3,000	14.10	IN	(02)	10/31/04
	6.46	-40	Ò	1,00	6,48	14,79	0.60	14,10	0.12	1026	
	0.24	-123	0	1.00	659	14,87	1.20	1440	52.0	1031	
ч	0.20	-129	0	1,00	6.65	14.82	1.80	14,00	م را	1036	
ч	6.19	-,34	1.2	1.00	6.71	14,81	2.40	14,10	41.0	1041	
Lr .	0.19	-137	1.1	0.49	6,74	14,92	3.00	1410	0.12	1046	
						30.80	LH	AMIE		1048	
<b>Y</b>	0.57	-136	0	0.99	6,72	14,94	Final	।सत्।०	FINAL	1050	
-Nitrate(H₂SO₄)-	Cl) <del>Sulfate l</del> tra Extractable										
	tra Extractable	Ex	Eurans		าia (H₂SO₄)	Ammor	ide (NaOH)	<del>CBs</del> Cyan	sticides / PC	Pe	. <del>S∀0</del> C



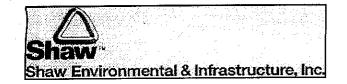
Page \_1\_ of \_\_\_

SITE ID:	003	3/ 6	_TM		WELL ID: _	07-	520-	_∕^ s	AMPLE NUM	BER:	LH 30	154
- Samplers:			-TM KH, BF	•	Well Secure	(Y/N)	_Y_	w	ell Casing Dia	ameter :	4	in.
ourging M	ethod /	Equipme	nt: <u>Micropurg</u>	e BLAD	DERPUN	LP_	Target	Purge Volume	e:	gal.		
				15.	_		Static !	Water Level (	Depth to Wate	er):	9,13	ft.
Date		Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (MA) MS(M	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
108	M	1243	127	9.13	INT:	14,84	6.81		117.0	-109		CURAN
		1248	6.10 TUS	4,15	0.50		6.60		24.4	-103	1,84	VI
		1253	0.10	9.13	1.00	14.97	6.52	ا برده	العيك	-101	2.48	45
		1258	6.10	٩٬١٦	1.50	15,110	6.48	1.14	11_9	~q <b>9</b>		· · ·
		1303	0.10	9,13	2 00	15,40	6.53	1,14	8.5	-97	1	[1
		8061	0.0	9,,3	2.50	15.49	6.62	1,14	7.7		2.69	<i>ખ</i>
		1313	0.00	9.3	3.00	15.50	6.64	1.14	५,५	-100	1.35	11
		1315	5/	IMPLE	# 4	H30154						
		1)17				14.87		0,487	5.2	-(00	3.5(	i;
					-							
						ls (HNO₃) Fil A <del>mm</del> o					CI) Sulfate tra Extractabl	Nitrate(H₂SO₄)
						ate:					Split:	
iampie C	ollectic	on Date:	la	s 04	_ Sample C	Collection Time	e:	1317	Prepare	ed by:	KY VÉ H	favor <sup>5</sup>



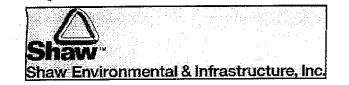
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SITE ID: <u>0 /</u>	3/4	TM		WELL ID:	05-01	M-123	<u>.</u> 5 (	SAMPLE NUM	IBER:	-H3015 2	3
Samplers: <u>Q</u>	fritz]	mul	2r	Well Secure	e (Y/N)	<u> </u>	v	Vell Casing Di	ameter :	<u>L</u>	in.
Purging Metho	od / Equipme	nt: Micropuro	ne/Siado	ior_			Purge Volum				
Sounding (Dep	oth to Well B	ottom):	_15		_ft.	Static	Water Level (	(Depth to Wate	er):	<u> 28</u>	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/2/104	1014		3. <i>2</i> 8	Inital		7.06	0,94	6.8	160	6.98	
11-1	1019		8.28	0.3	15.19	6.86	0.99	1.9	150	0.34	
	1024		8.38	1.3	1523	10.89	096	27	135	0.80	
	1029		<i>প.</i> এপ্র	2.0	15.27	6.8cg	0.98	0.5	128	0.00	
	103+		8.28	2.5	15.34	4-89	0.98	0.7	120	0.65	
	1039		8.28	3.0	IS.33	6.87	0.98	0,4	119	0.69	
	1040	san	ple								
	1044		8.8	<b>Enu</b> L	15.42	4.89	0.97	12.6	116	0.64	
										.	
						,				<u> </u>	
<u> </u>											<del></del>
Test Paramet		Applicable); esticides / Po		nide (NaOH).	Ammo	nia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin /	ethane/Ethan / Furans		CI) Sulfate xtra Extractable	Nitrate(H₂SO₄) e
QA/QC Samp	les Taken (0	Circle Applic	cable): Wo	e ( Duplic	ate:) <u>LH3</u>	0152	MS/MSD:	*		Split:	
Sample Colle			l l	\ >	Collection Tim			Prepare	ed by: W	ruller	V



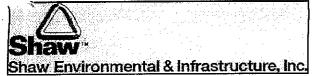
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ing (Dep	th to Well Bo	ottom):	<u>ک</u> ہے۔ ک	, 8	m <sup>p</sup>		Purge Volume <b>Water Level</b> (			8.3	<u>د</u> ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. Jawr WH (W	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
مايداط	1520	m	8.32	unt	16.87	7,19	0.792	0	-220	432	CUBAR
1,1	1531	0,10	8.32	0,50	1472	7.02	0.766	0	_147	_0_	١,
	ح 3 ك	0.10	8.32	1,00	14,67	6,97	0.761	<del>0</del> 6	-122	0	<u> </u>
	1541	0,10	8.32	1.50	14,64	6.94	0.759	<u> </u>	7103	0	1.6
	1546	0.10	है.३८	2.06	14.09	6,92	0.759	ŋ	-90	O	M
	1551	0.10	8.32	2.50	14.62	692	0.759	0	-80	G	L(
	1556	0.10	8.75	3.00	1460	6.92	0.759	6	-74	6	11
	12 28		SAMPUS	#	LH3015	1					
	1603	FIMIL	8,32	FINAL	14,75	7.01	0.763	0	-20	7.66	L(



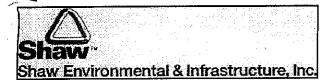
Page	1	of	1
1 auc		VI.	

SITE ID: 003 / LTM	WELL ID: 05-0		SAMPLE NUM								
Samplers: BATZ/MChiller	Well Secure (Y/N)	<del>\</del> \	Vell Casing Dia	ameter :	2	in.					
Purging Method / Equipment: Micropurge/	ider	Target Purge Volum	e:	gal.	1						
Sounding (Depth to Well Bottom): 31.5	ft.	Static Water Level	(Depth to Wate	er):	.47	ft.					
Date Time Purge Dynamic (24hr) Rate H2O Level (gal/min) (ft)	Volume Temp Purged (C°) (gal)	pH Cond. (mV) MSICM	Turbidity (NTU)	Redox (mV)	DO (mig/L)	Water Description					
102104 1058 7.58	muta 14.79	7.39 0.96	0.0	94	6.50						
1103 7.65	0.4 13.94	7.08 0.97	0.0	-149	0,30						
1108 7.65	1.0 13,90	-	0.0	-146	0.25						
1113 7.65	1.4 1391	7.07 0.98	0.0	-143	0.13						
1118 7.05	1.8 13.96		0.0	-139							
1123 7.65	12.2/14.01		0.0	-137-							
1128 7.65	2.7 13.99				0,00						
1133 7.65	3,2 13,99	7.08 0.97	0.0	-135	0,00						
135 sample											
1141 7.05	Final 14.10	7.10 0.82	0.0	-110	316						
8											
				**							
Test Parameters (Circle Applicable): VOC (HCI)	Total Metals (HNO <sub>3</sub> ) Fi	Itered Metals (HNO <sub>3</sub> ) M	ethane/Ethane	e/Ethene (H0	CI) Sulfate	Nitrate(H₂SO₄)					
SVOC Pesticides PCBs Cyanide (NaOH) Ammonia (H <sub>2</sub> SO <sub>4</sub> ) Dioxin / Furans Extra Extractable											
		MS/MSD:_			Split:						
QA/QC Samples Taken (Circle Applicable): Nor Sample Collection Date: 10/21/04	<u> </u>	e: <u>1135</u>				7 ~~					



WPAFB, OH Page 1 of PROJECT 829564 004 WELL ID: BMP-004-01B-60 SAMPLE NUMBER: LH30166 SITE ID: LTM Well Secure (Y/N) \_\_\_\_\_\_ in. Samplers: Purging Method / Equipment: Micropurge/ bladdev Target Purge Volume: Z gal. Static Water Level (Depth to Water): \_\_\_\_\_\_ 8.86 Sounding (Depth to Well Bottom): \_\_\_\_\_\_ft. Water Cond. Turbidity Redox Dynamic Volume Temp Date Time Purge H2O Level Purged (C°) (mV) (NTU) Description Rate (24hr) (mV) (mg/L)(ft) (gal) (gal/min) ms1 cm "floaters" 19.76 init 7.21 1230 0.5 7.08 0.33 1235 8.88 40 3.6 0.38 8.89 7.00 1.40 1240 -62 0.43 0,34 7.09 7.0 0.30 1300 Pollect 1302 7.85 1,35 1304 Test Parameters (Circle Applicable) (VOC (HCI)) Total Metals (HNO<sub>3</sub>) Filtered Metals (HNO<sub>3</sub>) Methane/Ethane/Ethane (HCI) Sulfate Nitrate(H<sub>2</sub>SO<sub>4</sub>) Cyanide (NaOH) Extra Extractable SVOC Pesticides / PCBs Ammonia (H₂SO₄) Dioxin / Furans QA/QC Samples Taken (Circle Applicable): None Duplicate: MS/MSD: Split: Sample Collection Time: 1302 Prepared by: SWH

Sample Collection Date: 10/8/04



Purging Method / Equipment: Micropurge/

Sounding (Depth to Well Bottom):

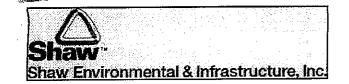
Samplers:

#### **Groundwater Purge Log**

Static Water Level (Depth to Water):

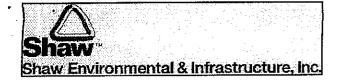
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	На	Cond. -(mV) MS/cm	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/8/14	1323		8.63	init	19.62	7.52	1.12	0	85	5.87	clear
, , ,	1328		8,63	0,8	15.66	7018	1.22	0	-127	1-18	
	1333		0.63	1.7	16.86	7.16	1.24	3.4	-155	071	
	1338		છ. <i>પ્ર</i> ડ	-5	17.07	7.16	124	0	-160	0.65	
	1343		8,63	1,8	17,08		1.24	0	-162	0,57	
	1348		8,63	20	17.16	7.17	1,24	Ö	-164	0,49	
	353		8.65	212	17.19	7.17	1,24	0.8	-165	0,47	
	358		8,63	2.4	17.08	7.17	i. 24	3,8	-166	0.44	
	1400	Collec	tsomo	مره لا							
	1405		8,62	Gnal	16,79	7.21	1.29	0	-140	3.62	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										
									-		
									•		

Test Parameters (Circle	e Applicable): <b>√</b> OC (H		Total Metals (H	NO <sub>3</sub> ) Filtere	ed Metals (HN	NO₃) Me	ethane/Ethane/Ethene	(HCI) Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
SVOC	Pesticides / PCBs	Cyanid	e (NaOH)	Ammonia	(H₂SO₄)	Dioxin /	Furans LH 30167MJ	Extra Extractable	
QA/QC Samples Taken	(Circle Applicable):	None	Duplicate: _			NS/MSD)_	LH 3016745T		
Sample Collection Date	e: 10/8/04		Sample Collec	ction Time:	140	0	Prepared by:	Switt	<u> </u>

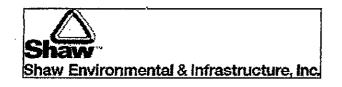


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SITE ID: _	LTM	1004	<del></del>	WELL ID:	004-	MW-C	<u>)2</u>	SAMPLE NUM	MBER:	LH 30	205	
Samplers:		<u>sw/</u>		Well Secure	e (Y/N) <del>[V] ·</del>	- hinge b	erotee	/ell Casing Di	ameter :	<u> </u>	in.	
Purging M	ethod / Equipme	ent: Micropurg	ie/ bladd	er		Target	t Purge Volume	e: <u>2</u>	gal.			
Sounding	Depth to Well B	ottom):	17		ft.	Static	Water Level (	Depth to Wat	er): <u>  13</u>	,46	ft.	_
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
10/8/	04 0935		13.47	init	14.51	6.21	1,23	93.9	-19	8.04	red tint (biomass	?)
	09040		13.48	0.5	14.72	6.45	1.15	252	-80	1,75	fi "	
	0845		13.48	1.0	14.01	6.61	1.14	111	-102	30	emptredcell-clea	eri ng
	0850		13,48	105	14.80	6.67	1,14	31.3	-/13	0,73	,	)
	0055		13.48	2.0		6.74		11.2	7123		clear	
	0900		13,47			6.77	1,13	7.1	-128	0.44		
	0905		13.48	3.0		6,80	1.13	4.5	-132	040		
	0907	Col	led sa	mele								
	0900		13,48	Anal	14.97	6.85	1.13	0	-124	4.04		
: 					·							
Test Parai	neters (Circle A	Applicable):	(VOC (HCI)	Total Meta	als (HNO3) Fi	Itered Metals	s (HNO <sub>3</sub> ) Me	ethane/Ethan	e/Ethene (H0	Ci) Sulfat	e Nitrate(H₂SO₄)	
		esticides / PC			Ammo							
	mples Taken (0		<u> </u>									
Sample Co	ollection Date:	10/8	104	_ Sample (	Collection Tim	ne:	907	Prepare	ed by:	Switt	<u> </u>	



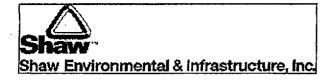
nplers:	od / Equipme	nt: Micropurs	ne/bladd	Well Secur	e (Y/N) <u>\</u>	hings. Target	ordnen V LPurge Volum	Vell Casing Di	ameter : gal.	_2	in.
			56.1		_ft.	Static	Water Level (	(Depth to Wat	er):	13.15	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. 4mV) mS/CN	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
1004	0926		13.15	wit	14.27	732	099	0	-5	9.61	clear
1   (	0931		13.15	0.7	13.64	7.14	1.13	0	3	2,67	
	0936		13.15	1.1	14,04	7.04	1.16	_6_	3	1,46	
	094		13,15	1,4	14.02	7.04	1,17	٥	(0	1.38	
	0946		13.15	2.0	13.75	7.03	1.17	. 0	14	0.92	
	0951		13,15	2.6	13.94	7.03	1.13	0	91	0,71	
	0956		13.15	2.9	13,96	7.03	1.13	0	19	0.70	
	0958	Call	ect sa	vole.	+ dus	ricati					
	1000		13.15		14.05	7.18	1.19	0	90	4.21	
	(0)		Via Via	T-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	i. (INC.) 5		(UNO ) M	- 4h 154h	/F4b /* 1	CI) Cult-ti	Nitrate/IJ CO \
	ers (Circle A				Ammo. Ammo.		,		•	ci) Suitate xtra Extracta	e Nitrate(H <sub>2</sub> SO <sub>4</sub> ) ble
)C Campl	oe Takon (C	ircle Annlic	able). None	Bunlic	ate. LH3	30206	MS/MSD.			Split:	



### Groundwater Purge Log WPAFB/ Fairborn, OH PROJECT 829564

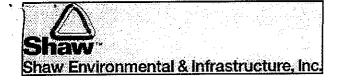
Page <u>1</u> of <u>\</u>

SITE ID: 014	WELL ID: 014- MW-0.	3.6 SAMPLE NUMBER:	1430208 :in.									
Samplers: Buy mchuleu												
Purging Method / Equipment: Micropurge Pladd	<u>h Puvup</u> Targe	t Purge Volume:ga	al.									
Sounding (Depth to Well Bottom):	ft. Statio	Water Level (Depth to Water):	14.31 n.									
Date Time Purge Dynamic (24hr) Rate H2O Level (gal/min) (ft)	Volume Temp pH Purged (C°) (gal) 14.32	Cond. Turbidity Rec (MTU) (m	Description									
10/1204 1254 14.31	Initial 7.68 7.108	1.37 72.1 7										
1259 14.31	0.8 3.16 7.19	1.53 83.0 80										
1304 14.31	24 13.17 6.68	1.52 0.0 12	1 2,23 cousoutinh read \$80.0									
1309 14.31	24 13 19 692 a.5 1403 697	1.53 0.0 10	4 1.23									
1319 14:31	2.6 14.75 7.00	1.52 0.0 90										
1324 14.31	27 15.14 7.02											
1329 14.31			2.80									
1331 Sample												
1338 14.31	Final 15,24 7.05	1.52 0.0 9	3 4.57									
Test Parameters (Circle Applicable): VOC (HCI)	Total Metals (HNO <sub>3</sub> ) Filtered Metals	(HNO <sub>3</sub> ) Methane/Ethane/Ethen	e (HCl) Sulfate Nitrate(HaSQa)									
	est Parameters (Circle Applicable): VOC (HCl) Total Metals (HNO <sub>3</sub> ) Filtered Metals (HNO <sub>3</sub> ) Methane/Ethane/Ethene (HCl) Sulfate Nitrate(H <sub>2</sub> SO <sub>4</sub> )  SVOC Pesticides / PCBs Cyanide (NaOH) Ammonia (H <sub>2</sub> SO <sub>4</sub> ) Dioxin / Furans Extra Extractable											
	/QC Samples Taken (Circle Applicable): None Duplicate:MS/MSD:Split) OEPA											
Sample Collection Date: 10 12 04												

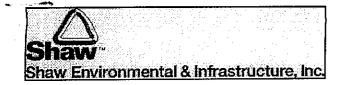


#### Groundwater Purge Log WPAFB/ Fairborn, OH PROJECT 829564

amplers: <u>LH, Bt</u>			•						in.		
ging Metho	d / Equipme	nt: Micropuro	re/ KLA0	othe fu	W	Target	Purge Volume	:_ <i>_</i> _	gal.		
unding (Dep	th to Well Bo	ottom):	83	2,	_ft.	Static	Water Level (	13.68 ft.			
Date	Time (24hr)	Purge Rate (gai/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	На	Cond. (DY) MSI(M	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
ग्रावीव्य	1047	177	13,68	iwr	13.68	7.28	1.46	46.7	liq	8.87	cuen
	1052	0.10	13.68	0.50	12.80	7.0	1,55	29,9	91	1,11	L/
	1057	0.10	13.68	1,00	12.82	7,14		17.6	64	0.62	į C
	1102	٥٫٥٥	13.69	1.50	12,76	7,14	1.53	12.1	ენ	0.68	-(
	1107	0.00	(3,69	2,00	12.89	7.14	1.52	9.9	25	067	٤(
	1112	0,(0	(3,66)	250	12.89	7.15	152	60,0	12	0.7	
	H17	0.10	८४.७८	3,00	13,06	7,15	1,52	8.2	21	0.73	5.7
	ાત્ર	SA	MPCE	#	H30209	= =					
	1122	PIMIL	13.48	PIMAL	12.91	7.27	1,53	9.0	ઉલ	4,१७	**
											<u> </u>
	•	-			<del>ls (HNO₃) Filt</del> - Amr <del>non</del>						- <del>Nitrate(H₂SO₄)</del> 
QC Sample	s Taken (C	ircle Applic	able): (None	Duplica	ite:	<del></del> -	_MS/MSD:_			Split:	
	-		$\cdot$		ollection Time						

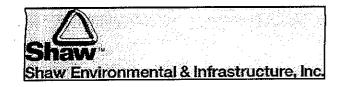


; SIT	Ę ID:	LTM	1004	<u> </u>	WELL ID:	004-	MW -0	<u>4</u> 8	SAMPLE NUM	BER:	LH30	210		
: Sar	( nplers:		LH, BU		Well Secur	e (Y/N)	Y_	v	Vell Casing Dia	meter:		in.		
Pur	ging Metho	d / Equipme	nt: <u>Micropur</u>	ge/ BCA	ool	PUMP	Target	. Purge Volum	e: <u> </u>	gal.				
Sou	ınding (Dep	oth to Well B	ottom):	43	, O	ft.	Static	Water Level (	(Depth to Wate	er):	14.0	<b>)と</b> ft.		
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	cond. 4mV) MS/CW	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Descriptio	n	
ľ	10/19/04	0921	INT.	14.02	المات.	12.27	6.19	1,51	o, PPP <	131	437		ORANG	COLOR
	- 1	MILLE	0.50	14.02	2.5	12.22	6,70	1,49	409.0	-20	1.18		ч	Í
		0931	0.30	14,02	4.0	12.20	6.80	1,49	1000	- ~27	1,10	**	••	I
		0936	0.26	14,02	5.0	1(94	6.93	1.50	105.0	-21	1.10	١,	tt	I
		0941	0.05	14.02	5.25	12,17	6.48	1,49	117.0	-19	1.08	Ne.	٠,٠	I
		0996	0.05	14.02	5.50	12,14	7.00	1, ५५	- LAZO	-12	1.43	<b></b>	11	l
		0951	6.10	14.02	(0,00	12.10	7.04	1.49	150,0	-9	1.10	2.7	rı	
		مکه٥	0.10	14,02	4.50	12,100	7,00	1,49	139,0	-G	1,00	50	46	
F		1001	0,10	14.02	7,00	12.02	7,06	1,48	1100	16	5.45	CLEANED	Harr	sa ceu
		600	0.0	14,02	5.50	12,16	7.09	1,49	113.0	-3	1,12	ORANG	color	& / Bumes
		10 (1	0.10	14,02	8.00	12,18	7.00	1,49	110,0	<u>-S</u>	1.08	11		d
		اعاده	0.10	14.02	8.50	12.18	7.0	1,49	109.0	-7	1,05	er		44
		1013	SAI	MPLE.	# 4	130210								
		1020	PIMAL	14,02	COMPL	12.24	7,20	1,49	103.0	34	7,79			
Tes	t Paramete	ers (Circle A	Applicable):	VOC (HCI)	ر	• -•		•		·•	-	e_ Ni <del>trate(H₂SC</del>	<del>4)</del> _	
S <del>VOC Pesticides / PCBs</del> Cya <u>nide (NaOH) Ammonia (H₂SO₄)</u> Di <del>oxin / Furans Extra Extractable</del>														
1	QA/QC Samples Taken (Circle Applicable): None Duplicate:MS/MSD:Split:													
Sample Collection Date: 1019 A Sample Collection Time: 1018 Prepared by: KYCE HAVENS														



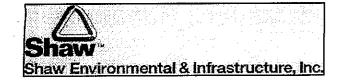
Page 1 of /

SITE ID:	1004			WELL ID:	004	- MW -	<u>1</u> 2B s	SAMPLE NUM	IBER:	LH 30	211
Samplers:					(Y/N)						
	•		ie/ bladd				: Purge Volume	: 2	gal.		
			49.0				Water Level (	Depth to Wat	er):	13,32	<u>-</u> ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) WS/CW	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/8/04	1028		13,32	Init.	16.0A	7.61	0.930	0	128	9,49	
101.	1033		13,32	0,3	14.68	7.55	0.969	Q	/3/	7.04	
	1039		13.32	1.0	14,31	7.22	0.98	0,	120	2.17	
	1643		13,32	1.6		7.15	0.96	0	98	1.17	
	1040		13.32	2.0	15 2	7.14	0.98	0	77	1.24	
	1053		13,32	7,2	16.02	7,16	0,98	0		1.48	
	1058		13,32	2,5	16.12	7.16	0.98	0	68	1,26	
	1100		Colle	et sa	mple						
	1102		13,32	final	15,73	7.19	1,02	_0_	96	4.42	
Test Paramete	ers (Circle A	Applicable):(	(voc (HCI))	Total Meta	ıls (HNO <sub>3</sub> ) Fi	tered Metals	s (HNO₃) M€	ethane/Ethane	e/Ethene (H	CI) Sulfate	Nitrate(H₂SO₄)
svoo	D Pe	esticides / PC	Bs Cyan	ide (NaOH)	Ammo	nia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin /	Furans	E	xtra Extractabl	e
QA/QC Sampl	les Taken (C	Circle Applic	able): None	Duplica	ate:		MS/MSD:_			Split:	
			12/04								



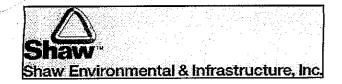
Page \_1\_ of \_\_\

SI	ΓΕ ID:	<u> </u>	mlo	<u>υ5</u>	WELL ID:	cw	04-0	<u>ده</u> ٥	SAMPLE NUM	IBER:	LH30	5174	
Sa	mplers:	1	H, BF		Well Secure	e (Y/N)		v	Vell Casing Dia	ameter :	2	<u>.</u> in.	
						P		: Purge Volum			2.1	· 0/-	
So	unding (Dept	h to Well Bo	ottom):	59	. 1	_ft.	Static	Water Level (	Depth to Wate	er):	<u> </u>	.06 <sub>ft.</sub>	
÷	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) MS/CW	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
	15/12/04	1305	127	21.06	127	12.54	7.85	۵.625	72.7	36	9.75	CLEAR CH	12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	1	13.0	0.40	21.00	0.50	12.33		0.917	227.2	-138	5.70	ALEBONAS) CISUST	
		13.5	0.10	21,00	1.00	12.05	6.24	0.928	163.0	~47	6.19	CLEAMED HORES	a cerc
		1326	0.10	21,06	1,50	11.96			4910	-121	4,08	AR HALL CLOUDY	I
		1325	0,10	21,06	2,05	12.96	6.92	0.914	1 9.2	-124	8.46	1 c I u	ı
		1330	0.10	2106	2.80	13.17	6.99	0.917	1.8	~(Z)~	7.65	ut fil	ı
		1352	0.10	کرریل			7.00	0.910		-131	<u>6.32</u>	4 / 11	ı
*		1337		SAMUE	<u>Ŧ</u>	LH30179	1						
		1341	Franc	21,00	FINAL			0.936	0	-129	7,45	10 / 10	
											,		
Te	st Paramete S <del>V⊝C</del>			OC (HC))		<del>als (HNO3)</del> Fil — Ar <del>amo</del>		-			CI) <del>— Sulfat</del> tra Extracta	te Nitrate(H₂SO₄) able	
QΑ	/QC Sample	s Taken (C	ircle Applic	able): None	Duplic	ate:		MS/MSD:_	-		Split:_	OEPA	
	-			_								it wavens	



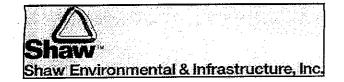
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SITE ID:	اسرا	Mlou	5	WELL ID:	CWO	5-055	<u>5</u> \	SAMPLE NUN	IBER:	LH301	76
Samplers: S								Vell Casing Di			
Purging Metho											
Sounding (Dep					•			(Depth to Wat		3.3	ft.
Sounding (Dep	oth to Well Bo	ottom):	<u> </u>		IL.	Static	water Level	(Depin to wat	ei)	10.0	it.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
1014 04	1602		23,30	Endal	13,41	6.94	1.12	29.3	-137	4,27	
	1507		23.30	0.1	13.19	6.92		15.8	-139	1.93	
	1512	,	23.31		13.16	6.92	1.13	13.1	-137	1.71	
	1517		23.30	0.3	13.01	6.92	1.13	10.7	-136	1.60	
	1522		23.30	0.6	13.06	6.91	112-	4.5	-133	1.42	
	1527		23.30	0.8	13.50	6.92	1.12-	5,1	-135	1.40	
	1532		23.30		13.31	692	113	7.3	-134	1.32	
	1537		23.30	1.8	13.34	6.92	1.13	4.7	~135	1.24	
	1542		23,30	2.1	12.98	6.93	1/13	5.8	-134	117	
	1547		23.30	2.4	1275	10.92	1.13	62	-135	1.00	
	1552		23,30	2.7	12.71	1.92	1.13	4.2	-134	0.91	
	1555	saruple							,		
	11003		23,30	6nal	12.59	6.97	1.11	8.5	-126	4.40	
Test Paramete	est Parameters (Circle Applicable): VOC (HCI) Total Metals (HNO3) Filtered Metals (HNO3) Methane/Ethane/Ethane (HCI) Sulfate Nitrate(H2SO4)										
SVO		sticides / Po			Ammo						
QA/QC Sampl											
Sample Collec							_				



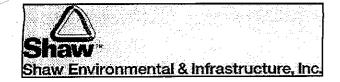
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SIT	E ID:		-TM/	0 <b>4</b> 5	WELL ID:	CW	05-85		SAMPLE NUM	/IBER:	LH:	30 177			
San	nplers:	K	H,BF	<del></del>	Well Secure	e (Y/N)	Υ	w	/ell Casing Di	iameter :	2	in.			
Pun	ging Metho	d / Equipme	nt: <u>Micropur</u>	ge/ <b>BLADO</b>	AN PUN	P					2.	2 m			
Sou	nding (Dep	th to Well B	ottom):	82	, 0	_ft.	Static	Water Level (	Depth to Wat	er):	<u> </u>	. <u>38</u> f	t.		
-	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	cond. (my) mSI(m	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Wate Descrip			
	10/2/01	1650	1751	23.38	INT	12.44		0.934	35,2	-120	9.75	cı	enn		
		1055	0.10	23.38	0,50	12.32	7.01	0-968	18.5	-,33	9,76	AIR BUBBLE	Bin Ma	ress.	/cuerr
		حزيرا	0.10	73.38	1,00	12,26	6.88	0.960	13.3	-126	9,11	*1	/ 11		
Ľ		405	0.10	23.38	1.50		6.92	0.972	0	-128	2,6∙0	ı	/ 11		
L		1110	0:10	23.38	2,00		6.45	0,461	<u> </u>	-158	9.77		/ W		
		1.15	0.10	53.38	2.50	15.98	6,97	0.971	0	-129	9.48		] .,	l l	
		1120	00		3.00		6.99	0.970	0	-129	4.72	į į	<i>/ \</i>		
L		1122		SAMUE	# LH30	ררי									
$\parallel$		1125	PIMPL	<b>ひり3</b> 8	FIMAL	12.60	ـره،ک	0.481	O	-127	8.0	ζ.(	- f (1		
-									·····						
Test	: Paramete	rs (Circle A	Applicable):	(VOC (HCI)	-Total Meta	ls.(HNO₃) Fil	Itered Metals	(HNO₃) Me	thane/Ethan	e <del>/Ethene (1 i</del> 0	i) S <del>ulfat</del>	aNitrate(H₂	<del>(SO<sub>4</sub>)</del>		
	s <del>∀oc</del>	Pe	e <del>sticidos</del> / Po	<del>CBs –</del> C <del>yar</del>	ide (NaOH)	- Ammo	nia (H₂SO₄)	- Dioxin /	Furans	Eπ	tra Extracta	ı <del>ble-</del>			
QA/	QC Sample	es Taken (C	Circle Applic	cable): None	Duplica	ate:		MS/MSD:_			eplit:	OEPA	•		
Sam	ple Collec	tion Date:	r6	12/04	Sample 0	Collection Time	e:	1122	Prepare	ed by:	KNG	MAVEN			
	-				- ·		**************************************		_ <del></del> ,	· —					



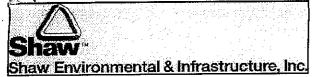
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			e/ BLAOCE 55.		<b>r</b> t.					19.	25 ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (and) mSICM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/21/09	11060	iwt	19.25	INT	13.62	7,44	6.847	100.0	-147	651	
	Jett	0110	19,25	0.50	12.73	7.16	1.02	37.6	-141	235	CUEAR
	1116	٥,,٥	19.15	1,00	12.42	7.07	1,00	9.7	~137	1.91	£ f
	H <b>7</b> #	6,0	iα,ε<	1.50	12,46	7.07	1.06	8.5	-136	1.90	K
	1126	0.10	14,25	2.00	12.38	7.07	1,00	4.1	-136	190	42
	1131	مرری	19.25	2.\$	15.34	7, 47		3.1	-116	1,95	U
	1130	0.10	19.25	3.00	15.41	3.08	1,04	2.5	-136	1,95	
	((38)	Sal	mie	# 1	-H30178						
	1(40	F. MAC	14.55	FIMAC	. (2,43	7.07	1,04	٥	ータフ	2.80	Ly.
		,			ı <del>ls (HNŌ₃</del> ) F <u>ilt</u> Am <del>mo</del> n						Nitrate(H <sub>2</sub> SO <sub>4</sub> )

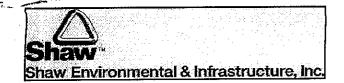


of I	l
	of '

ınding (Dep		ottom):	95.	0	<u> </u>	Static	1	Depth to Wat	er):	T	26 ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (MV) MSI CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10 MOY	1416	IWT	2426	*WT	13,}}	<b>7,3</b> 3	6944	89.8	-35	3.93	CLOUDY
	1421	80.0	24,26	0.40	م)ها.لار	(0.88	0.904	46.4	-94	0.22	N
	1450	80.0	24,26	0.80	12,47	6.80	0.990	18.1	-111	0	< KARING
	1431	0,68	24,20	1,20	12.72	10,79	0,996	18 )	-116		CLEARING
	رطيره	80,0	24.20	1,60	12,40	6,79	0.949	1.3.8	-118	0	CHAR
	1441	80.0	24,26	2.00	12,37	6.79	1.15	9.8	~ <sub>11</sub> q		l s
	1440	0,08	24.20	2,40	12.35		1115	8.7	-120		
	1450	60,0	24,26	3,86	15.32	6,80	1.15	7,5	-121		17
	1455		5AMUE	7	F CH301	79, L	H30179 1	ns, 4		MSO	
	1500	FIMIL	24.26	Fine	12,42	6,82	1,16	9.2	~(17	4,79	
Paramete	ers (Circle A	nnlicableY	VOC (HCI)	Total Metal	s (HNO <sub>2</sub> ) Fil	fered-Metals	· (HNO <sub>3</sub> ) Me	-thane/Ethan	e/Ethene (HC	Ci) Sulfate	— Nitrate(H₂SO₄)

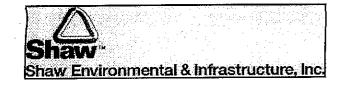


		1		<u> </u>		WPAFB, OH DJECT 8295	664				Page 1 of 1
ITE ID:	LTM	1005	5	WELL ID:	H	0-11	s	SAMPLE NUM	MBER:	LH301	84
amplers:	KH.	BF		Well Secure	e (Y/N)	<u> </u>	w	/ell Casing Di	ameter :	<u> </u>	
urging Metho	d / Equipme	nt: <u>Micropur</u> g	85.0	en po	_ft.					21.4	<b>⊘</b> ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) mS1cm	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/14/04	0850	1241	21,40	INT	11,99	6.07	1,17	(0,3		2.17	CUEVAR
	0855	0,10	21.40	0.50	11.9ŏ	6,48	1.20	रं त	7114	0	
	030	0.0			12.08	6,66	1.21	<u>3.6</u>	-132	6	
	0905	0.0	2,40			6.73	1.19	2.5	-138	0	41
	0910	0.10	21,40		12.03	6.77	109	<u> 3, Ł</u>	-147	٥	
	09,5	0,,0		5.20	12,07	6.78	1,19	2,9	-143	0	ч
	ogro	On O	21,40	3,00	12.11	6.79	1,18	3.8	-145		
			mete	#	८५३७।४.५						
	०५३५	FIMAL	21,40	France	12.58	6.91	1.21	0	-129	O	
							•				
<del>svoc</del>	<del>)-</del> Pe	sticides / PC	Bs Cyani	de (NaOH)	Ammo	nia (H₂SO₄)	D <del>ioxiπ</del> 7	Furans	E	xtra Extractab	- Ni <del>trate(H2SO4)</del> - le OEPA - UTY OF (
			, , –								HAVEN S



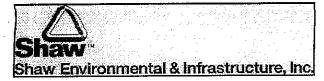
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_	I / Equipme	KH RF nt: Micropurc ottom);	•		ft.				_	en tol	of PumPit.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рH	Cond. (MV) MSI CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
olitor	1039		SAMPLE	# (	H 30186						
	1053	NA (RR	/ <del>AW Q.C</del> NA	ADINOS NA	12.65		1.15	0	29	344	
										1	
									· · · · · · · · · · · · · · · · · · ·		<u></u>
									<u> </u>		
Paramete		Applicable):	VOC (HOI)		uls (HNO3) Pitti Ammor		•		•	CI) S <del>ulfate</del> - dr <del>a Extractabl</del>	Ni <del>trate(H₂SO₄)</del> <del>o</del>



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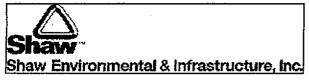
ΓΕ ID:	LTM	1003	5	WELL ID:	H0-	12M	s	AMPLE NUM	IBER:	LH 30	185
	KI			Well Secure	e (Y/N)	<b>Y</b>		ell Casing Di		7	in.
					mp						
							Water Level (			21,6	<u>ð</u> ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (my) mc/(m)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10 14 01	0950	١٨٢	21.10	nvt	12.69	7,07	0.906	71.8	-154	7,91	CLOUDY
<del></del>	<b>3</b> 955	0,0	21.10	0.50	11.29	6.79	0.488	0	~127	1,40	CHEAR
	(0,00	0.0	21.10	1.00	८५,५%	6.75	0.991	1.4	-124	452	41
	1002	0,10	21,10	1,50	11,83	6,74	0,991	0	-125	7.27	N
	1010	0,10	21,10	٧.٥٥	11,90	6.74	0.991	0	41260	6.70	ч
	1015	٥٫٫٥	21,10	₹. Ø	11.88	6.74	0.939	٥	-127	6.28	t(
	1020	0.10		3.00	11,50	(6,77	0.994	0	-460	1/33	N
	1027		SANGLE	# 1	H 3018	5					
	1083	FINAL	21.10		11,360	(e,01	0,486	٥	ق ز	3.70	• 1
	®+ <del>0}}</del>										
					u <del>ls (HN</del> O <sub>3</sub> ) Fil Am <del>mo</del>					Ci) S <del>ulfate</del> tra Extractable	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
QC Sampl	es Taken (C	ircle Applic	able): None	Duplic:	ate:		MS/MSD:			Split:	CITY OF DAYTO
		1									ie HAVENS



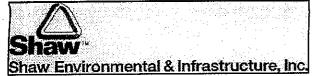
WPAFB, OH PROJECT 829564 Page \_1\_ of \_\_\_ LH 30189 HD-135 SAMPLE NUMBER: \_\_\_ WELL ID: \_\_\_ Well Casing Diameter: \_ Well Secure (Y/N) Samplers: BLADOWN PUMP Target Purge Volume: \_\_\_\_2 Purging Method / Equipment: Micropurge/ 33.0 19,07 Static Water Level (Depth to Water): \_\_\_\_ Sounding (Depth to Well Bottom): \_\_\_\_

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) MS/CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/14/24	1151	inst	19,67	W.	1667	7,12	1.10	۱ ک. ک	-140	16.04	CLEAR
	1150	0.10	(9.07	0,50	11.40	684	ĵ	0	-115	4,98	L1
	1201	0.10	14,07	1.00	11.76	6,78	117	5.0	-110	3.82	٠(
	1200	0,10	19,07	1,50	11.89	6.78	1.17	2.と	-(09)	3,83	v/
	(211	0,10	19.07	1,00	16,91	6.79	1,17	3.9	-108	3,87	
	ו איני	6,(6	19,07	2,50	18,59	6,81	[.17	۷.7	-111	4.70	((
	1221	6.10	19,07	3,00	11.57	6,81	1,00	2,8	-100	0.75	``
	1623	2.	3 MPGE	TILK	3/189 1	4301	88				
	1246	FIMIL	19.07	p.m(	1486	7.02	1.16	0,6	-109	8.40	V(

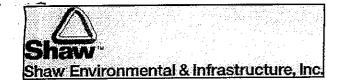
Test Parameters (Circle Appli	cable): YOC (HCI)	Total Metals (HNO:	3) Filte <del>red Metals (E</del>	INO₀) Meth <del>ane/L</del> t	hane/Ethene (HCT)	SulfateN	Ntrate(H <sub>2</sub> SO <sub>4</sub> )	-
_SVOC Pesticio	<del>des / PCBs Cya</del>	nide (NaOH)	Ami <del>ntonia (H₂SO₄) —</del>	Dioxin / Furans	Ex <del>tra E</del>	xtractable	<del>-</del>	
QA/QC Samples Taken (Circle	e Applicable): Non	` Дм́В(ENT ne D <del>uplicate</del> :	LH 30188	MS/MSD:	<u> </u>	Split:	CITY OF	DAYTON
Sample Collection Date:	10/14/04	Sample Collectio	n Time:12	. 7 3 Pre	pared by:	1440	HAVENS	



E ID:		TMO	vS_	WELL ID:	ΗC	7-130	<del></del> ;	SAMPLE NUN	MBER:	U+3	0187
plers:	]/	H BF		Well Secure	e (Y/N)	<u> </u>	\	Veli Casing Di	ameter :	2	in.
ing Method	/ Equipme	nt: <u>Micropuro</u>	je/ BLA	DOUR PO	/mp	Target	Purge Volum	e: 2	gal.		
iding (Dept	h to Well B	ottom):	1	060	_ft.	Static	Water Level	(Depth to Wat	er):	19.91	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) mS1cm	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/14/04	1105	1.005	19,91	IM	11.70	7,17	1.17	۵.۲	-100	8,75	CLEVAN
, ,	1110	8110	19,41	0.90	11,57	७,५५	1,19	0	-137	8.27	Sumo punt
	1(15	0,16	19.91	1,40	11,66	(0,92	1,21	0	-137	7.73	CLEAR
	1120	0.10	19,91	1,90	11,61	10.91	15,1	0	-138	472	VI
	1125	0,10	19.91	2,40	11,58	७.५१	15.7	0	-139	4,64	١(
	1170	00	19,91	2.90	11,59	10.0	1,21	0	-140	4,41	. 61
	1132		<u> </u>	NO NE	# 174	30187					
	1146	FIME	19.91	FINAL	1683	7.05	1,23	2.5	-126	8.15	
							-	,			
	•	-			l <del>s (HNO</del> ₃) Fil Ammo					•	_ Nitrate(H <sub>2</sub> SO <sub>4</sub> )
											CITY OF DAY

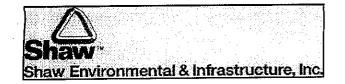


				<del></del>		WPAFB, OH DJECT 8295					Page _1_ of _1_
ITE ID:	LTM	100	5_	WELL ID:	<b>∧</b> \\	W 131	<u>~</u> :	SAMPLE NUM	IBER:	<u>LH 3</u>	0190
amplers: £	unly	nhu	u	Well Secure	e (Y/N)		v	Vell Casing Di			in.
	•		e Blade			Target	t Purge Volum	e: <u> </u>		_	
			68		_ft.	Static	Water Level	(Depth to Wate	er):	<u>9.89</u>	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) mSICM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10 14 04	1017		17.04	Thinal	12.93	7.41	104	25.8	-190	8.46	
	1023		16.98		12.17	7.01	1.07	78.8	-172	1,37	Cloudy
	1027		16.98	<u>0</u>	12.13	6.83	1.08	31.3	-152	0.80	Q
	1032		16.98	1.2	12.09	U-80	603	279	-161	0.28	fine particles
	1037		16.98	1.6	12:10	6.79	1,09	26.4	-166	0.23	
	1030	\ \	16.98		12.11	6.80	1,09		-170		
	1047		16.98	2.6	12.12	10.81	1.09	20.6			
	1052	,	16.98	3.1	12.14	6.32	1,09				
	1057		16.98	3.5	12.14	6.82	104	16.7	-128	0.17	
	1120	Samu	ربعاد			,					
	1110		16.98	final-	12.24	6.83	1.08	18.2	-145	4.20	
		:									<u></u>
SVO	C Pe	esticides / PC		ide (NaOH)	Ammo	nia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin /	/ Furans	Ex	dra Extracta	
A/QC Sampl	les Taken (C	Circle Applic	cable): None	Duplica	ate:		MS/MSD:_			Split:	) OEPA & Caty of Day
	ction Date:			_ Sample (	Collection Tim	e: <u>             </u>	0	Prepare	d by: <u>M</u>	Miller	<u>,                                    </u>



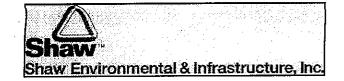
Page \_1\_ of \_\_\_

SITE ID:	LTM	1005		WELL ID:	M	<u>کن 13 نیل</u>		SAMPLE NUM			
Samplers:	Jul 1	nchi	lec	Well Secure	• (Y/N)	<del>/</del>		Vell Casing Di		2	in.
Purging Metho	od / Equipme	nt: <u>Micropur</u>	e Blad	der_				e: <u> </u>	gal.	abs\r	nitanie well
Sounding (De	pth to Well B	ottom):	<u>32</u>		_ft.	Static	Water Level	(Depth to Wat	er): _ <b>\J</b> A	- unai	ructionine will, se to get the water
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond.	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/14/84	1121		NA	Midal	13.70	4.17		87.7	-710	7.55	claidix
	liale		NA	0.2	12.64			المكيا	-93	1.04	U
	1131		NA	0.4	13.58	4.79	1.10	80.2		1.55	
	1136		NA	0.9	12.48		1.10		-103		
	1141		NIX	1.1	12.42	6.77		81.5		0,38	
	1146		NA	1.3	12.41	6.28	1.11	21.6	-108		
	1151		NA	1.6	12.42	678	1.11	81.2	-109	0.38	
	1350		NA	2.0	12.41	6,78		29.9	-110	0.36	
	1201		124	2.2	1238	6.79		79.8	-112	0.32	ر ا
	1200		NA	2,6	12.46	6.79	1.11	39.6	-112	0.30	
	1208	Same	Îl			,	,				
	1217		NIX	Final	12.21	6.8	1.12	818	-94	5.34	
	10 1 1								•		
Test Paramet											e Nitrate(H₂SO₄)
svo		esticides / Po	-		Ammo					ktra Extracta	
QA/QC Samp	les Taken (C	Circle Applic	cable): None	Duplica	ate:	1.0	MS/MSD:_			Split:	Ring Dayton
Sample Colle	ction Date:	10/14/	04	_ Sample 0	Collection Tim	e: <u>120</u>	)8	Prepare	d by: M	huie	<u>\</u>



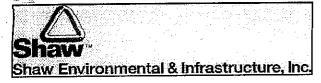
Page 1 of

SITE ID:	0 US	LTM	l	WELL ID:	MW	1325		SAMPLE NUM	BER:	LH301	<u> ۵</u>	_
Samplers:				Well Secure	(Y/N)	7		Vell Casing Dia				
			e/Blado			•						
Sounding (De	epth to Well B	ottom):	48.5					(Depth to Wate		0.95	ft	
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) nS/CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
10/11/04	0847		20.98	Iniha	11.91	6.40	1.10	21.2		2.62	- clear	
			20.98	0.3	11.82		1.09	13.0	-24	1.168	-	
	0857	0.10	20.98	0.8	4.29	6.73	1.09	11.2	-45	163		
	0902	10.00	20.98	1.1	11.49	6.76	1.09	10.6	-49	1.73		
	0907	D.Ole	2098	1.4	11.81	6.79	1.09	15.1	-49	1.65		
	0912		20.98	1.8	11.81	6.80		8.9	-46	1.31		
	0917	0.08					1.09	8.4	ન્પેશ	1.42		
	10922	0.10	20.98	2.7	11.82	6.86		9.4	-3	1.72		
	10927	0.08	20.98	2.1	1182	6.88	1.09	9.6	-54	1.49		
	0930	sanci	de_						221	00-		
	0942		2011	Final	11.65	696	1.10	8.7	-14	3,93		
	<u>'</u>								<del></del>			
							<u> </u>	<u> </u>		<u> </u>		
Test Parame	ters (Circle A	Applicable <i>X</i>	-voc (HcI)	Total Meta	ıls (HNO₃) Fi	iltered Metals	s (HNO <sub>3</sub> ) M	ethane/Ethane	e/Ethene (H	Ci) Sulfate	e Nitrate(H₂SO₄)	
SVC		esticides / Po	CRe Cyar	ide (NaOH)	Ammo	nia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin .	/ Furans	E	dra Extracta	ble	
					_4	, /	Meller.			C-lie	DERA & City of DO	rut
QA/QC Samp			cable): Nond	e Duplica	ate:	<u> </u>	M3/M3D:_		٠Λ٨		00111 A W. 1 7 ~ C	<u>"</u>
Sample Colle	ection Date:	10/14/	04	_ Sample 0	Collection Tim	ie: <u>04</u> 0	<u>5U</u>	Prepare	d by: <u>∦ ∤ \</u>			
		, '										



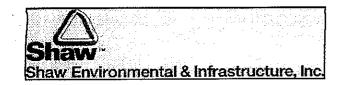
Page \_1\_ of \_\_\_

					CW						
nplers:		LH, BF		Well Secure	(Y/N)	<u>Y</u>	w	ell Casing Di	ameter :		in.
aina Method	I / Equipme	nt: Micropurg	e/ <b>B-A0</b> 0	NEV PUI	mp	Target	Purge Volume	: 2	gal.		
_			MA			Static	Water Level (	Depth to Wat	er):	25.	8 Ø <sub>ft.</sub>
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) MS/CM	(NTU)	Redox (mV)	DO (mg/L)	Water Description
1012 (84	0935	INT	25.80	١٣٢	16,54	7,41	0.635	$\circ$	<b>6</b> 5	6,29	CLEAR
1	aguo	0,10	25.80	0.50	15.45	7.27	0. ته کړۍ	Ö	59	2,65	14
	0945	0.00	25.80	1,00	15.53	7.23		6	55	101	14
	0950	0.10	25.80	1.50	15,95	7,23	0.601		5	0,26	١ç
	0955	0110	25.80	2,00	16,01	7.23	0.597	0	49	0.04	, i
	1620	0110	25.80	2,50	الع.نك	7.23	0.596		44	-O	11
	1405	0,16	l l	3.00	16,05	7.22	0,594	0	18	0	a t
	1007			ĦU	# 30,73				'		
	10 1)	Pma	25180	Pinal	15.44	7,28	6.603	0	66	7,87	18
s <del>voc</del>	Pe	sticides / PC	Bs Cyan	ide (NaOH)	Ammor	nia (H₂SO₄)	Diexin /	Furans.	Es	tra Extractable	
QC Sample	s Taken (C	ircle Applic	able): None	Duplica	ite:		MS/MSD:_			(Split:	OEPA
de Collect	ion Date:	16	1/2/21	Sample C	ollection Time	):	1007	Prepare	d bv:	KKI	thanks



WPAFB, OH PROJECT 829564 Page 1 of SAMPLE NUMBER: \_\_\_\_\_ LH 30172 LTM/0010-CHPY WELLID: CHP4-MWOI SITE ID: (water in well well casing Diameter: 2 Well Secure (Y/N) Samplers: \_\_\_ Purging Method / Equipment: Micropurge/ Soudder Target Purge Volume: 26.79 410 Static Water Level (Depth to Water): Sounding (Depth to Well Bottom): \_ Turbidity Redox DO Water Cond. Dynamic Volume Temp pΗ Date Time Purge Description (NTU) Rate H2O Level Purged (uin) (24hr) (mV) (mg/L) (gal) ms low (gal/min) 61.7 843 10/19/04 Init 2.87 93.4 0.9 biomass 3.60 15.57 31.0 1:3 3.83 clearing 20.6 2.0 15.59 IDOD 3.61 1005 3.57 15.59 3,0 26.81 1010 1012 1.09 4.1 -72 15.53 7.01 2.15 1015

Test Parameters (Circ	ele Applicable): VOC (H		Total Metals (HNC	D <sub>3</sub> ) Filtered Metals	(HNO₃) M	lethane/Ethane/Ethen	e (HCI) Sulfate	Nitrate(H₂SO₄)
SVOC	Pesticides / PCBs	Cyanid	e (NaOH)	Ammonia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin	/ Furans しょもろのよう そんら	Extra Extractable	•
QA/QC Samples Take	n (Circle Applicable):	None	Duplicate:		MS/MSD:	LH30172 MS	<u>50</u> Split:	
Sample Collection Da	te: 10 19 04		Sample Collecti	on Time:	12	Prepared by: _	_ Subt	



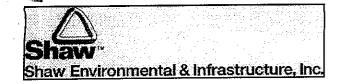
WPAFB, OH PROJECT 829564

		Page 1 of
SAMPLE NUMBER:	LH30181	
Maril O - 1 - Di-	7_	•

GR-330 SITE ID: LTM/0010 - CHOY WELL ID: \_\_ Well Secure (Y/N) Samplers: Well Casing Diameter: Target Purge Volume: Purging Method / Equipment: Micropurge/ 50.00 Static Water Level (Depth to Water): Sounding (Depth to Well Bottom):

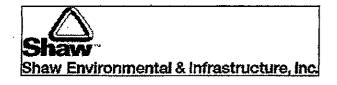
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) M SK m	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/19/04	1044	•	32.53	INIT	15.60	7.20	1.16	12.0	63%	6.71	Clear
10/19/64	1049		32.52	0.4	14.72	6.96	120	147.0	37	7-15	BIO MASS
10/19/04	1054		32.52	0.9	14.61	6.91	1.21	97.0	32	6.89	clearing
10/19/04	1059		32-52	1.1	14.62	690	1.20	78-3	31	5.32	<b>ELEARING</b>
10/19/04	1104		32.52	1.60	14,70	6.93	1.21	45.3	30	5.87	CLEARING
W/19/04	1109		32.50	2.0	14.66	6.90	1.18	23.6	32	7. CX	CLEAR
10/14/04	1113		32.52	2.3	14.76	6.93	1.20	21.7	26	5.62	c cease
12/16/04	1118		72.52	a.9	14,84	6.93	1.19	15.1	25	8.62	CLEAR
10/19/04	120	Colla	_	oce							
12/19/04	1/24		32.52	FINAL	14.90	7.0/	1.19	14.3	29	7.05	CLEAR
	,					,					
									••••		

Test Parameters (Circ	cle Applicable). VOC (l	HCD Total Metals (HNC	D <sub>3</sub> ) Filtered Metals (	HNO₃) Methane/Ethane	/Ethene (HCI) Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
SVOC	Pesticides / PCBs	Cyanide (NaOH)	Ammonia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin / Furans	Extra Extractable	€
QA/QC Samples Take	en (Circle Applicable):	None Duplicate:		_MS/MSD:	Split:	
Sample Collection Da	ate: 18 19/04	Sample Collection	on Time:	20 Prepare	d by: <u>B. F.</u>	



Page \_1\_ of \_1\_

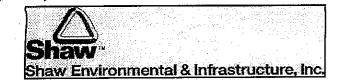
Śľ	TE ID:	LTM	1001	<u> </u>	WELL ID: _	6	R-33	3_ 8	SAMPLE NUM	BER:	4H30	185	_		
Sa	mplers:	,	LG BU		Well Secure	(Y/N)	¥	v	Vell Casing Dia	ameter :	L	1	_in.		
Pι	rging Metho	d / Equipme	nt: Micropuro	ge/ GRUN	of US Pa	) Wh			e: <u>2</u>	gal.					
Sc	unding (Dep	th to Well B	ottom):	35.1	· · · · · · · · · · · · · · · · · · ·	_ft.	Static	Water Level (	(Depth to Wate	er):	16,	<u> </u>	ft.		
4	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	`Temp (C°)	рН	Cond. (m+) MSlCM	Turbidity (NTU)	Redox (mV)	DO (mg/L)		Water scription		
	wasto	1450	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	16.55	ابرا	15,56	7.32	1.38	26.6	_4	9.27		CICAR	٤	
	- Olcok	1455		16.55	1.50		7,26	1.36	956.0	-27	(0,77				ORAME
		1500	0.20	16,55	2.50	(6,00	7.27	1.35	360.0	-41	8.37	CLEAR	N-D H	<u>æiß</u>	CELL BUMM
		1505	0.20	16.55	3.50	16.21	7,24	1.35	300.0	~40	6.75		Lowor	OR	ANGE
		1510	0,20	16155	4,50	15.91	7.25	1.35	210.0	- 29	6.80		11	<u>_</u>	10
		1515	0.20	16,55	5,50	16,11	J.53	1.37	207.0	<u>-78</u>	654		-1	<del>/</del> _	•
		1520	0.20	No.55	6.50	15.99	7.23	1.37	209.0		6.44		<b>√</b> ∮	<del></del> ;	1
		1525	0,20		7.50			(,36	2.03.0	ટલ	CX 47	6.47	LC .	<del>/ 4</del>	
		1517		SAMPLE		H30185									4
		1530	Fing	(6,55	Final	15.80	7,24	(,37	2100	-40	6.72	<u> </u>	1.5	<del>/                                    </del>	-
Te	st Paramete	ers (Circle A	Applicable):	VOC (HCI)		ıls (HNO₃) F¶	<del></del>	· ·					» <del>(H₂SO4)</del>		
	SVQC	Pe	sticidos / P	Bs Cyan	i <del>de (NaOH)</del>	Ammo	<del>nia (H₂SO₄)</del>	Dłoxim	Furans —	E	xtra Extracta	ible			
Q/	VQC Sampl	es Taken (C	Circle Applic	able): (None	Duplica	ate:		MS/MSD:_		<del></del> -	Split:_				
				rolos								E HA	VÝV		



## Groundwater Purge Log WPAFB/ Fairborn, OH PROJECT 829564

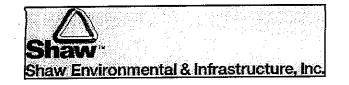
Page 1 of (

SITE ID:		Tm low	110	WELL ID:	6.	R- 334	<u>'</u>	SAMPLE NUM	1BER:	LH30	183
Samplers:								Vell Casing Di	ameter :	د	<u>fin.</u>
Purging Method	d / Equipme	ent: <u>Micropur</u>	ge/ GRU	NOFUS	PUMP	Target					
Sounding (Dep	th to Well B	ottom):	<sub>1</sub> 55	. 0	_ft.	Static	Water Level (	Depth to Wate	er):	15.76	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	cond. (mV) MS/LM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
1002001	1415	INT	12'80	. ککرا	15.10		0.672	15.0	רנו	9,18	CLEAR
	1420	0.20	15,90	1,0	14.70	7.35	0.849	(0.0	-171	82.5	1
	1425	0.10	15.60	2.0	14.80		۵.865	8.7	-172	1,40	•(
	1430	0,20	12 80	3.0	15,07	7.27	0.865		~170	1,50	• • • • • • • • • • • • • • • • • • • •
	1435		12.80	3,8	5.16	7.28	828.0	4,5	-170	1,32	٠(
	1440	5/	AMP LE		# LH30.	83					
	1445	FINAL	(Z.89	FINAL	12.18	7.28	0.860	3.7	~170	2.27	
											·
Toet Parameter	re (Circle A	nnlicable)	VOC (HCI)	Total Meta	le (HNO <sub>e</sub> ) Fil	toreri Mataic	<del>-(H</del> NIOa) Ma	thano/Ethone	Æthono-/ide	The Quifate	– Nitrate(H₂SO₄)
		est <del>icides / PC</del>			- Ammoi				•	ira Extractabl	
-		*				•					
QA/QC Sample	s Taken (C	ircle Applic	able): None	ノ Duplica	ite:	•	MS/MSD:_			Split:	· ·
Sample Collect	tion Date:	- (	20/04	Sample C	Collection Time	e:1	440	Prepare	d by:	KTLE	HAVENS



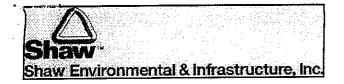
Page \_1\_ of \_1

SITI	E ID:	LTM	100	10	WELL ID:	0010	-MW-0	<u>3</u> S s	SAMPLE NUM	/BER:	LH30	196
		JP/SV			Well Secure	• (Y/N)	(boHn	ussing) n	/ell Casing Di	ameter:	2	in.
				ge/ bladd	er		Target	: Purge Volume	e: <u>2</u>	gal.		
Sou	nding (Dep	oth to Well B	ottom):	37.8		_ft.	Static	Water Level (	Depth to Wat	er):	26.23	ft.
-	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (m/r) mS(CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
	0/14/04	0950		26.25	init			0,776		272		clear
	10/14/01	-0955		26.23	0.5	15. Ko	6.92			267	,	clear
2	0/14/04	1000		26.23	1.0	15.10		0.862		264		clear
_	/ / '	1005		26.23	1,3	15.04	6.92	0.263	0	262		
		1010		26.23	1.9	15,03	6,92	0.863		261	5.36	
Γ		1015		26,23	2:1	15.01	6.93	0.863	0.2	261	5,39	
		1020		26.23	2,5	15.01	6.93	D. 863	1,3	260	5,38	
		1025		26.23	2.9	15.04	6,94	0.863	106	260	5.39	
		1026		Collect	50m	ple					_	
		1030		26.23		15.14	6.99	0.965	0	269	8.46	
┢									7			
F				-								
<u>∐</u> Tae¹	Paramete	ers (Circle 4	Annlicable).	AOC (HCI)	Total Meta	is (HNO₃) Fi	Itered Metals	(HNO <sub>3</sub> ) Me	ethane/Ethan	e/Ethene (Hi	CI) Sulfate	e Nitrate(H₂SO₄)
, <del>43</del> 1	SVO(		esticides / Po			Ammo					tra Extracta	
				~	-							
	=	es Taken (C			Duplica	ate:		MS/MSD:_ 			Split:	
Sam	pie Collec	tion Date:	10/14	104	Sample C	Collection Tim	ie:(C	126	Prepare	ed by:	SWITT	



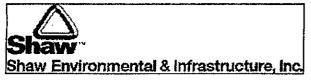
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								/ell Casing Di			in.
			ge/bladd 62				Water Level (			26.31	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. 	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
WAIDA	1203		26.31	in:t	[5.3]	7.23	0.769	0	18	7.04	clear
	1208		26.32	0.3	15.04	7.05	0,832	Ó	14	2.76	
	1213		26.31	0,9	15.02	6.96		0	31	2,69	
	1218		26.33	1.0	14.29		0.850	0_	4-3	2.58	
	1223		26.32	1.3	14.91	6.93	0.850	0	51	2.52	
	1228		26.32	1.6	14.96		0.849	0	(00)	2.49	
	1233		46,32	2.0	14.93		0.849	0	65	245	
	1230		26.32	2,2	1492	6,94	0.850	0	73	2.36	
	1243		26,34	2,3	14.96	6,94	0.857)		80	2,40	
	1244	Calle	et san		16.00	- 00	0.000			F 6 4	
	1246	v	26.33	'final	14.89	7.02	0.053	0	125	5.84	
				1							
	<u>                                     </u>		(1/00 (1/01))	7-1-114.	1- // INC \	 	(INO) 34		)[_tba== /! !	(I) Cultati	Nitroto/U.CO.
	ers (Circle A C Pe		_		is (HNO₃) Fi Ammo					ci) Suliate ktra Extracta	e Nitrate(H <sub>2</sub> SO <sub>4</sub> )
3700	ies Taken (C			` '			MS/MSD:_				



Page 1 of 1

14.54 14.73 14.24 14.78 15.05	7,20 6,94 6,88 6,99 6,91 6,92 6,92	Cond. (mv) ms/cn- 0.905 0.932 0.932 0.932 0.925 0.925	Turbidity (NTU)  0 14.9 7.0 5.1	Redox (mV) 200 102 -134 -156 -161		Water Description
14.54 14.73 14.24 14.78 15.05	6.94 6.88 6.89 6.91 6.91	0.932 0.932 0.932 0.928 0.925	14.9 7.0 5.1 0	102 -134 -156 -161	3.78 1.68 1.16 0.91	
14.73 14.84 14.78 15.05 15.05	6.88 6.89 6.91 6.92	0,938 0,932 0,928 0,925	7.0 5.1 0	-134 -156 -161	1.68	
14.24 14.78 15.05 15.05	6.29	0,932 0,928 0,925	5.1	-156	1.16	
14.78 15.05 15.05	6.91	0.928	0	-161	0,91	
15.05	6.92	0.925		<del> </del>		
15.05				-1/23	$1 \wedge 9/1$	
	h 92			100	0,1	
12201	<u> </u>	0,924		-164	0,97	
104. 1	693	0.922	0	-165	0.76	
14.76	693	0.922	0	-166	0.70	
14.70	6.93	0,923	0	-143	5.63	
			<del></del> .			
				<u>L</u>		
ls (HNO₃) Filte	ered Metals	s (HNO3) Me	ethane/Ethan	e/Ethene (H	ICI) Sulfate	Nitrate(H <sub>2</sub> SO <sub>4</sub> )
Ammoni	ia (H₂SO₄)	Dioxin /	Furans	E:	xtra Extractable	e
	14.70 (HNO3) Filt	14.7% 6.93 (HNO <sub>3</sub> ) Filtered Metals Ammonia (H <sub>2</sub> SO <sub>4</sub> )	(HNO <sub>3</sub> ) Filtered Metals (HNO <sub>3</sub> ) Modern Ammonia (H <sub>2</sub> SO <sub>4</sub> ) Dioxin /	(HNO <sub>3</sub> ) Filtered Metals (HNO <sub>3</sub> ) Methane/Ethan Ammonia (H <sub>2</sub> SO <sub>4</sub> ) Dioxin / Furans	14.70 6.93 0.923 0 -143  s (HNO <sub>3</sub> ) Filtered Metals (HNO <sub>3</sub> ) Methane/Ethane/Ethane (HAmmonia (H <sub>2</sub> SO <sub>4</sub> ) Dioxin / Furans E	

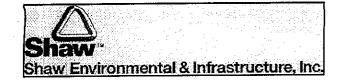


WPAFB/ Fairborn, OH PROJECT 829564

Page 1 of 1 WELL ID: OULD-MWUS SAMPLE NUMBER: LH 30200 SITE ID: SUIO: Samplers: Bull In Chulle Well Secure (Y/N) Well Casing Diameter: Purging Method / Equipment: Micropurge/ Bladdon Pump Target Purge Volume: Static Water Level (Depth to Water): 11.23 Sounding (Depth to Well Bottom): \_\_\_\_ Date **Purge** Dynamic Volume Cond. Turbidity Time Temp Redox DO Water H2O Level (24hr) Rate Purged (C°) (NTU) Description (mV) (mg/L) (gal/min) (gal) 10/12/04 05 04 103 6.3 104 312 Test Parameters (Circle Applicable): WOC (HCI) Total Metals (HNO<sub>3</sub>) Filtered Metals (HNO<sub>3</sub>) Methane/Eth svoc · Pesticides / PCBs Cyanide (NaOH) Ammonia (H<sub>2</sub>SO<sub>4</sub>) Dioxin / Furans Extra Extractable (Split) OEPA QA/QC Samples Taken (Circle Applicable): None Duplicate: \_MS/MSD:\_\_\_

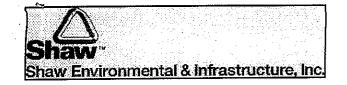
Sample Collection Time: 1512 Prepared by: WMIIIM

Sample Collection Date: 10



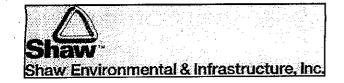
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Page	1	of	ı.

SI	TE ID:	LTM	0010	<u></u>	WELL ID:	0010	-MW-	-11D s	SAMPLE NUM	IBER:	LH 30	199
		bull (				e (Y/N)	0	v	Vell Casing Di	ameter :	<del></del>	in.
Pu	rging Me	thod / Equipme	ent: <u>Micropur</u>	ge/ Blade		P '		t Purge Volum	: <u> </u>	gal.		
				97.9				Water Level (	Depth to Wat	er):	1.81	ft.
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. IMM MSICM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
	1012	H 1533		11.80	Int	15,15	7.41	0.958	10.4	124	5.98	
		1338		11.80	0.6	14.95	3.7	0.965	9.8	120	2.24	
		1343		11.80	1.0	14.82	7.13	0.969	1.3	110	1.66	
	.,	1553		11.80	20	14.83		0.969	0.1	110	1.50	
		135B	<del></del>	11.80	2.5	14.28		0.969		108	1.48	
J	Mileo	3 1903		11:80	3.0	14.79		0.969		100	1.47	
}	ileo	44404	Samp	رعا								
		1609		11.80	mac	14.77	413	0.50	0.0	110	5.17	
	••					****						
				_				<u> </u>				
										,		
Te	st Param	eters (Circle	Applicable):	VOC (HCI)	Total Meta	uls (HNO3) Fil	tered Metals	s (HNO <sub>3</sub> ) Me	ethane/Ethane	e/Ethene (H¢	CI) Sulfate	Nitrate(H₂SO₄)
			esticides / P	· //		Ammo		•			tra Extractab	
QA	VQC San	nples Taken (	Circle Applic	cable): Non	Duplica	ate:		MS/MSD:_			Split:	
		llaction Date:		,		Collection Tim		•	Dranara	d by M	MILLO	<i>k</i> )



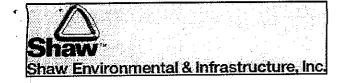
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piers: ing Method	I / Equipmen	t: <u>Micropurg</u>	e/ RCAC	OEV	(Y/N)	Target	Purge Volume			2. 0	
nding (Dept	h to Well Bo	ttom):	82	. 1	_ft.	Static	Water Level (	Depth to Wate	er):	33.8	<u>წft</u> .
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (m¥1) MSICM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
102004	1547	int	33.88	INT	16.41	7.92	0.9.9	22.7	RI	10,01	CUEDAR
	1552	0.10	33.88	0.50	14.97	<u> </u>		19.2	95	2.84	М
	<b>(3</b> 57)	٥٫८٥	77.88	1,00	14.83	7.33	1.09	15.7	92	4.81	i.f
	1602	0.10	33.86	1,50	14,96	7,30	1,(0	8.5	$q_0$	4.71	
	1607	0.10	33.48	2,00	15,10	7,28	-	8.2	90	4.20	И
	1(01)	0,0	33.68	2.50		7.28	160	8-1	92	4,73	tf
	1017	0.10	33.88	_3. <i>t</i> ∞	15:13	7.27	1.10	8.1	<u> </u>	H.71	(1
	1020		SAMPLE		L43020	7			سک او	0 00	
	(01)	FIMIL	કેદેક્ક	Pimac	15.09	7.28	86,1	8,0	·UT	8.80	<b>55</b>
					<del>ls (HNQ₃)</del> Fil Am <del>mo</del> i					니) Sulfate tra Extractable	- Nit <del>rate(H₂S</del> Q₄) ≿



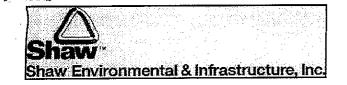
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SIT	E ID:	LTM	10010	<u> </u>	WELL ID:	0010 -	M W -	215 ;	SAMPLE NUM	BER:	LH 30	202	
Sar	mplers:	¥	H,BF		Well Secure	e (Y/N)	<u>Y                                    </u>	v	Vell Casing Dia	ameter :	2	in.	
Pur	ging Metho	od / Equipme	nt: Micropurg	10/ BLADO	NO PUN	ρ	Targe	t Purge Volum	e: <u>2</u>	gal.			
						_ft.						<u>びし</u> ft.	_
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. (mV) MSICM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	
ľ	608/04	0830	124	8,00	ا سما	14,58	6.20	0.851	95.1	191	9.22	CUEAN	
		0836		8.00	0.50		6.85			160		GMOTIED / CLUMBS	BRIBACEU
		0840	0,16	8,06	1.00	14.69	60,48	0.817	. 0	<u>154</u>	2.09	CUBAR	1
		0845	0.10	3,06	1,50	14 (26	7.65	818.0	0	149	1,46	v)	_
		08%0		8106	2,06	14.61	7.08	0.817		145	1,32	1.7	1
		0855	0.10	8 xx0	2,50	14.71	7,10	0.814	O	142	1.39	16	_
		0900		8.00	3.00	1484	7.0	0.814	0	140	1.33	NI.	_
		0902	است	a mpus	# LH	30202	•	-					
L			PIAC	8,00	PIMAL	14,92	7.16	6.820	O	146	4,62	11	
╟													
ľ													
-			***							<u></u>			
┸╍╸	t Dozemst	ore (Cirole A	\nnlicable\:	VOC (HCI)	Total Mate	le (LINO.) Fil	tered Metals	-/HNO») M	ethone/Ethans	/Fihene /H	Ct) Sulfat	e_ N <del>itrate(H<sub>2</sub>SO<sub>4</sub>) -</del>	
res		•		, ,		- Ammoi		-					
- نــ													
				( , —									
San	nple Colle	ction Date:		18/04	Sample (	Collection Time	e: <u>0</u> 2	102	Prepare	d by:	KYU	i HARONS	



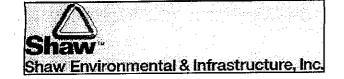
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SITE ID:	LTM	10010		WELL ID:	0010	- MW-	<u>2</u> 55 s	SAMPLE NUM	1BER:	LH	30204
	JP / 8	•			e (Y/N)	7	v	Vell Casing Di	ameter :		in.
			ge/ blac			Target	Purge Volum			27	( <b>0</b>
Sounding (De	epth to Well B	ottom):	46		_ft	Static	Water Level (	Depth to Wat	er):	<u> </u>	1 7ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. _(mV) ms/cm	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/14/04	0652		27.16	init	17.18	6.03	0594	0	236	9.33	Clear
	0857		27.17	09	14.34	6.48	6.820	0	240	2.71	
13	14002		27.15	101	14.55	10.62	0.817	1.5	240	2.67	
	11007		27.17	1,5	14.46	15.01	0.823	1.7	239	2.65	
	21012	b	27,17	109	14.33	6.75	0.822	4.6	240	2.61	
	71017	5/2	27.17	2,2	14.35	680	0,821	7.6	239	2.60	
	2 1022/	23	27,17	2.6	14.38	6.32	0.821	6	238	2.60	
092	1027	8,0	27.18	2,9	14.38	6.03	6.821	0.1	237	2.58	
10928	1028		coller.	t som	role of	dun					
	1032		27.17	final	14.38 Ve * 14.48	6.29	0.820	0	253	3.10	
		<u>/</u>									
svo	DC Pe	esticides / Po	-	ide (NaOH)	Ammo	nia (H <sub>2</sub> SO <sub>4</sub> )	Dioxin /	Furans	Ex	xtra Extracta	
QA/QC Sam	ples Taken (0	Circle Applic	cable): None	Duplic	ate: LH	30203	MS/MSD:_	}		Split <u>:</u> _	
Sample Coll	ection Date:	(0)	4/04	Sample	Collection Tim	ie:	to smu	Prepare	ed by:	SWE	<del>2</del> 0
		ı	1			0	928				



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			ge/ BCADOS QY		<b>~l</b> _ft.					9.58	ft.
Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	рН	Cond. _(my) MS/CM	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/8/4	0937	177	9,58	127	14,60	7.54	0.8.7	0	137	3.14	cian
	09 42	0.10	9.58	0.50		7.19	0.825	425	-99	0,02	16
	0947	0.00	9,58	1.00	14,53	7.07	0.941	25.3	<b>-69</b>	0	\((
	0952	00	9.58	1,56	14.19 TENPE		0,342	3,2	-72	0	be
	0957	0.10	258	حاه. ح	14.54	7.(1	0,342	٥	-75	6	ч
	1425	0.40	<u>a,58</u>	2.50	1451	7.12	0.841	0	-77	<u> </u>	yt
	1007	6.10	વ,58 વ,5૪	3,00	14.56	7,12	0.841	O	-79	0	u
	1009		SAMP	E 74	- LH3014	5					
	10,2	PME	478	Frac	14.69	7,20	०.२५२	0	٦٦٤	5.77	W
		pplicable)(			als (HNO <sub>3</sub> ). Fit — Ar <del>amo</del> r						Ni <del>trate(H₂SO₄)</del>



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Page	1	of	1

SI	re ID: <u>()</u> √	10/LT	M-C	HP4	WELL ID:	23-			SAMPLE NUM	IBER:	LH 301	<u>55                                   </u>
Sa	mplers:	1 6.5	rISW	<u> </u>	Well Secure	(Y/N)					4	in.
Pu	rging Metho	od / Equipme	nt: <u>Micropure</u>	ze/ bladd	l/							
So	unding (De	pth to Well B	ottom):	41.5	<u></u>	_ft.	Static	Water Level (	Depth to Wat	er):	3 1.11	<u>ft</u> .
	Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pН	Cond. (mV) MS/on	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
	10/19/04	003ጉ		31.10	inst	14.30		1.97	5.7	177	3.37	
		0842		31.10	0.3	14.76	6.06		16.4	117	4.94	
		0842		31.10	0.6	14.05		1.82	15.0	116	3.82	
		0852		31.10	101	14.66	699	1.93	0.0	117		
		0857		31.10	1,5	14.60	7.00	1,93	. j.0	117	4.39	
		1902		31.10	1.9	14.45	7.01	1.85	0.0	115	4.56	
		10B0		31,10	2,	14.63	7.03	1.84	0,0	114	4.65	
Ī		0912		31.10	2.5		6.97		0,0	113	4.93	
		0917		31.10	3.0	14.76	7.05	1.83	0,0	112	5.39	
		0918	Coll	ect san				*				
		0970		31.10	final	14.81	7.10	1.81	0.0	116	9.19	
									:			
	***											
T <sub>n</sub>	ot Paramot	ore (Circle /	\nnlicable\t	VOC (HCI)	Total Meta	ıls (HNO₃) Fi	Itered Metals	s (HNO <sub>3</sub> ) M	ethane/Ethan	e/Ethene (H	ICI) Sulfate	Nitrate(H₂SO₄)
16	st Paramet SVO		esticides / Po								xtra Extractable	
				·								-
				cable): None								<del></del>
Sa	mple Colle	ction Date:	10/10	04	_ Sample (	Collection Tim	e: <u>0</u>	118	Prepare	ed by:	SWO	



#### 829564 WPAFB

Manager: Joe Tyburski

	RFA A	COC Number: LH041019_21
Location Code:	05-DM-123D	Task: 04200300
Sample Number:	LH30150	Collection Date: 21-OCT-04
Sample Name:	05-DM-123D-GW-LH30150-REG	Collection Time: 11:35
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values:
VOC	N A 3 40 ML VOA Vial	
Comments:		

Sketch Location:

Logged BY / Date:



#### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	LH041012

Location Code:	05-DM-123I	Task: 04200300
Sample Number:	LH30151	Collection Date: 12-OCT-04
Sample Name:	05-DM-123I-GW-LH30151-REG	Collection Time: 15:58
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values: Sacode:
VOC	N A 3 40 ML VOA Vial	Lot Control#:

Comments:

**Sketch Location:** 

Logged BY / Date:

Reviewed BY /	Date:	



#### 829564 WPAFB

Manager: Joe Tyburski

		DEL COCN 1 THOUSAND
		RFA / COC Number: LH041019_21
Location Code:	05-DM-123S	Task: 04200300
Sample Number:	LH30152	Collection Date: 21-OCT-04
Sample Name:	05-DM-123S-GW-LH30152-FD	Collection Time: 10:40
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: FD	End Depth:
		Sample Matrix: WG
		Sample Team:
A .1.41 .1.61.44	Containers	ERPIMS Values:
Analytical Suite	Fit Frtn Qty Size Units Type	Sacode:
VOC	N A 3 40 ML VOA Vial	Lot Control#:
Comments:		

**Sketch Location:** 



#### 829564 WPAFB

Manager: Joe Tyburski

	RFA /	COC Number: LH041019_21
Location Code:	05-DM-123S	Task: 04200300
Sample Number:	LH30153	Collection Date: 21-OCT-04
Sample Name:	05-DM-123S-GW-LH30153-REG	Collection Time: 10:40
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: REG	End Depth:
		Sample Matrix: WG
	Containers	Sample Team:
Analytical Suite	Flt Frtn Qty Size Units Type	ERPIMS Values: Sacode:
VOC	N A 3 40 ML VOA Vial	Lot Control#:
Comments:		

**Sketch Location:** 



#### 829564 WPAFB

Manager: Joe Tyburski

	•		
	RFA / COC Number: LH041008		
Location Code:	07-520-M	Task: 04200300	
Sample Number:	LH30154	Collection Date: 08-OCT-04	
Sample Name:	07-520-M-GW-LH30154-REG	Collection Time: 13:17	
Sampling Method:	BP	Start Depth:	
Sample Type:	GW Sample Purpose: REG	End Depth:	
		Sample Matrix: WG	
		Sample Team:	
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values: Sacade:	
VOC	N A 3 40 ML VOA Vial	Lot Control#:	
Comments:			
Sketch Location	on:		



**Sketch Location:** 

#### Sample Collection Log

#### 829564 WPAFB

Manager: Joe Tyburski

		RFA / C	OC Number: LH041	019_21
Location Code:	23-578-M		Task:	04200300
Sample Number:	LH30155		Collection Date:	19-OCT-04
Sample Name:	23-578-M-GW-LH30155-REG		Collection Time:	09:18
Sampling Method:	BP		Start Depth:	
Sample Type:	GW Sample	Purpose: REG	End Depth:	
			Sample Matrix:	WG
			Sample Team:	
	Containers		•	
Analytical Suite	Flt Frtn Qty Size Units	Type	ERPIMS	Values: Sacode:
VOC	N A 3 40 ML	VOA Vial		ontrol#:
Comments:				



#### 829564 WPAFB

Manager: Joe Tyburski

	5	
	RFA / C	COC Number: LH041015
Location Code:	B59-MW01	Task: 04200300
Sample Number:	LH30156	Collection Date: 15-OCT-04
Sample Name:	B59-MW01-GW-LH30156-REG	Collection Time: 10:47
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values:
VOC	N A 3 40 ML VOA Vial	Sacode: Lot Control#:
Comments:		
Sketch Locati	on:	



### 829564 WPAFB

Manager: Joe Tyburski

Location Code: B59-MW02  Sample Number: LH30157  Sample Name: B59-MW02-GW-LH  Sampling Method: BP  Sample Type: GW	I30157-REG ample Purpose: REG	Task: 04200300  Collection Date: 12-OCT-04  Collection Time: 11:10  Start Depth:
Sample Name: B59-MW02-GW-LH Sampling Method: BP		Collection Time: 11:10 Start Depth:
Sampling Method: BP		Start Depth:
	ample Purpose: REG	*
Sample Type: GW S	ample Purpose: REG	ri i r
	•	End Depth:
		Sample Matrix: WG
•		Sample Team:
Containers Analytical Suite Flt Frtn Qty Size U VOC N A 3 40	Jnits Type ML VOA Vial	ERPIMS Values: Sacode:
NA 5 40	TILL YOR YIMI	Lot Control#:

Logged BY / Date:	Reviewed BY / Date:
2000	



**Sketch Location:** 

# Sample Collection Log

#### 829564 WPAFB

Manager: Joe Tyburski

sk: 04200300
te: 12-OCT-04
ne: 09:28
th:
th:
rix: WG
m;
IMS Values:
Sacode: ot Control#:



### 829564 WPAFB

Manager: Joe Tyburski

		RFA / COC Number: LH041015
Location Code:	B59-MW04	Task: 04200300
Sample Number:	LH30159	Collection Date: 15-OCT-04
Sample Name:	B59-MW04-GW-LH30159-FD	Collection Time: 11:21
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: FD	End Depth:
		Sample Matrix: WG
	·	Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values:
VOC	N A 3 40 ML VOA Vial	Sacode; Lot Control#:
Comments:		



### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	LH041015

VOC	N A 3 40 ML VOA Vial	Lot Control#:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values: Sacode:
		Sample Team:
		Sample Matrix: WG
Sample Type:	GW Sample Purpose: RI	EG End Depth:
Sampling Method:		Start Depth:
Sample Name:	B59-MW04-GW-LH30160-REG	Collection Time: 11:21
Sample Number:		Collection Date: 15-OCT-04
Location Code:	B59-MW04	Task: 04200300

Comments:

**Sketch Location:** 

Reviewed BY/	/ Date:	
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### 829564 WPAFB

Manager: Joe Tyburski

	RFA	/ COC Number: LH041008
Location Code:	B79C/D-MW01	Task: 04200300
Sample Number:	LH30161	Collection Date: 08-OCT-04
Sample Name:	B79C/D-MW01-GW-LH30161-REG	Collection Time: 12:20
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values: Sacode:
VOC	N A 3 40 ML VOA Vial	Lot Control#:
Comments:		

**Sketch Location:** 



### 829564 WPAFB

Manager: Joe Tyburski

	RFA	A / COC Number: LH041012
Location Code:	B79C/D-MW02	Task: 04200300
Sample Number:	LH30162	Collection Date: 12-OCT-04
Sample Name:	B79C/D-MW02-GW-LH30162-REG	Collection Time: 10:12
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values:
VOC	N A 3 40 ML VOA Vial	
Comments:	,	

**Sketch Location:** 



### 829564 WPAFB

Manager: Joe Tyburski

			RFA / COC Number: LH041	008
Location Code:	B79C/D-MW03		Task:	04200300
Sample Number:	LH30163		Collection Date:	08-OCT-04
Sample Name:	B79C/D-MW03-0	GW-LH30163-FD	Collection Time:	11:15
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: FD	End Depth:	
			Sample Matrix:	WG
			Sample Team:	
Analytical Suite	Contain Flt Frtn Qty Size		ERPIMS	
VOC	N A 3 40	ML VOA Vial		iacode: introl#:
Comments:			Lot Co.	mtrot#:



#### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number:	LH041008
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Sample Number: LH30164

Sample Name: B79C/D-MW03-GW-LH30164-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200300

Collection Date: 08-OCT-04

Collection Time: 11:15

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

**Analytical Suite** Flt Frtn Qty Size Units Type VOC

40 ML VOA Vial ERPIMS Values:

Sacode:

Lot Control#:

**Comments:** 

00	Logged BY / Date:	Reviewed BY / Date:
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Logged BY / Date:

### Sample Collection Log

#### 829564 WPAFB

Manager: Joe Tyburski

		William Golf and a grant and	
		RFA /	COC Number: LH041008
Location Code:	B79C/D-MW04		Task: 04200300
Sample Number:	LH30165		Collection Date: 08-OCT-04
Sample Name:	B79C/D-MW04-	GW-LH30165-REG	Collection Time: 09:46
Sampling Method:	BP		Start Depth:
Sample Type:	GW	Sample Purpose: REG	End Depth:
			Sample Matrix: WG
			Sample Team:
	Contain		
Analytical Suite	Flt Frtn Qty Siz	e Units Type	ERPIMS Values: Sacode:
VOC	N A 3 40	ML VOA Vial	Lot Control#:
Comments:			
Sketch Locati	on:		·



### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC Number: LH041008
BMP-OU4-01B-60	Task: 04200300
LH30166	Collection Date: 08-OCT-0
BMP-OU4-01B-60-GW-LH30166-REG	Collection Time: 13:02
BP	Start Depth:
GW Sample Purpose: REG	End Depth:
	Sample Matrix: WG
	Sample Team:
Containers Fit Frtn Oty Size Units Type	* ERPIMS Values:
N A 3 40 ML VOA Vial	Sacode: Lot Control#;
	•
	BMP-OU4-01B-60 LH30166 BMP-OU4-01B-60-GW-LH30166-REG BP GW Sample Purpose: REG  Containers Flt Frtn Qty Size Units Type

Reviewed BY / Date:	
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#### 829564 WPAFB

Manager: Joe Tyburski

			RFA / COC Number: LH041	800
Location Code:	BMP-OU4-01C-84	1	Task:	04200300
Sample Number:	LH30167		Collection Date:	08-OCT-0
Sample Name:	BMP-OU4-01C-84	4-GW-LH30167-REG	Collection Time:	14:00
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: REG	End Depth:	
			Sample Matrix:	WG
			Sample Team:	
Analytical Suite	Containe Flt Frtn Qty Size		ERPIMS	Values: Sucode:
VOC	N A 3 40	ML VOA Vial		sacoae: ontrol#;

Comments:



### 829564 WPAFB

Manager: Joe Tyburski

Location Code: 1				
Document Code. 1	BMP-OU4-01C-84		Task:	04200300
Sample Number: I	LH30167MS		Collection Date:	08-OCT-0
Sample Name: I	BMP-OU4-01C-84-GV	W-LH30167MS-MS	Collection Time:	14:00
Sampling Method: I	BP		Start Depth:	
Sample Type: (	GW Sai	nple Purpose: MS	End Depth:	
			Sample Matrix:	WG
			Sample Team:	
Analytical Suite	Containers Flt Frtn Qty Size Un	nits Type	ERPIMS	Values; avode:
VOC	N A 3 40 M	IL VOA Vial		ntrol#:

Logged BY / Date:	Reviewed BY / Date:	
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### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number:	LH041	800
	Task:	04200300

Location Code:	BMP-OU4-01C-84	. To	ask:	04200300
Sample Number:	LH30167MSD	Collection D	ate:	08-OCT-04

Sample Name: BMP-OU4-01C-84-GW-LH30167MSD-MSD Collection Time: 14:00

Sampling Method: BP Start Depth:

Sample Type: GW Sample Purpose: MSD End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite Flt Frtn Qty Size Units Type

VOC N A 3 40 ML VOA Vial

ERPIMS Values:
Sacode:
Lot Control#:

Comments:

Logged BY / Date:	Reviewed BY / Date:
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### 829564 WPAFB

Manager: Joe Tyburski

		RFA	/ COC Number: LH041	019_21
Location Code:	BS5-P-1		Task:	04200300
Sample Number:	LH30168		Collection Date:	19-OCT-04
Sample Name:	BS5-P-1-GW-LH30168	-REG	Collection Time:	14:40
Sampling Method:	BP		Start Depth:	
Sample Type:	GW Sam	ple Purpose: <b>REG</b>	End Depth:	
			Sample Matrix:	WG
			Sample Team:	
Analytical Suite	Containers Fit Frtn Qty Size Unit	ts Type	ERPIMS	Values: Sacode:
VOC	N A 3 40 MI	, VOA Vial		ntrol#:
Comments:				

Logged BY / Date:

Reviewed BY / Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

			RFA / COC Number: LH041	019_21
Location Code:	BS5-P-2		Task:	04200300
Sample Number:	LH30169		Collection Date:	19-OCT-0
Sample Name:	BS5-P-2-GW-LH3	0169-REG	Collection Time:	13:52
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: REG	End Depth:	
			Sample Matrix:	WG
			Sample Team:	
Analytical Suite	Container Flt Frtn Qty Size	-	ERPIMS	Values: Sacode:
VOC	N A 3 40	ML VOA Vial		ntrol#:

Comments:



#### 829564 WPAFB

Manager: Joe Tyburski

	R	FA / COC Number: LH041019_21
Location Code:	BS5-P-3	Task: 04200300
Sample Number:	LH30170	Collection Date: 19-OCT-04
Sample Name:	BS5-P-3-GW-LH30170-REG	Collection Time: 13:51
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values: Sacode;
VOC	N A 3 40 ML VOA Vial	Lot Control#:
Comments:		



#### 829564 WPAFB

Manager: Joe Tyburski

	Manager. Joe Tybursi	·
	RFA	COC Number: LH041019_21
Location Code:	BS5-P-4	Task: 04200300
Sample Number:	LH30171	Collection Date: 19-OCT-04
Sample Name:	BS5-P-4-GW-LH30171-REG	Collection Time: 14:37
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values:
VOC	N A 3 40 ML VOA Vial	==== Sacode: Lot Control#:
Comments:		•
Sketch Locati	ion:	



#### 829564 WPAFB

Manager: Joe Tyburski

Location Code:	CHP4-MW01		Task: 04200300	
Sample Number:	LH30172		Collection Date: 19-OCT-0	4
Sample Name:	CHP4-MW01-GW	'-LH30172-REG	Collection Time: 10:12	
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: REG	End Depth:	
			Sample Matrix: WG	
			Sample Team:	
	Container	. —	ERPIMS Values:	
Analytical Suite	Fit Frtn Qty Size	Units Type	ERPMS vanies: Sacode:	
VOC	N A 3 40	ML VOA Vial	Lot Control#;	
Comments:				



### 829564 WPAFB

Manager: Joe Tyburski

RFA . CHP4-MW01	COC Number: LH041019_21
CITDA MASSAGI	
CHP4-NIWUI	Task: 04200300
LH30172MS	Collection Date: 19-OCT-04
CHP4-MW01-GW-LH30172MS-MS	Collection Time: 10:12
BP	Start Depth:
GW Sample Purpose: MS	End Depth:
	Sample Matrix: WG
	Sample Team:
Containers Flt Frtn Qty Size Units Type	ERPIMS Falues: Sacode:
N A 3 40 ML VOA Vial	Lot Control#:
	·
]	Containers Flt Frtn Qty Size Units Type



### 829564 WPAFB

Manager: Joe Tyburski

			RFA / COC N	Number: LH041	019_21
Location Code:	CHP4-MW01			Task:	04200300
Sample Number:	LH30172MS	)		Collection Date:	19-OCT-0
Sample Name:	CHP4-MW01	-GW-LH30172MSD-MSD		Collection Time:	10:12
Sampling Method:	BP			Start Depth:	
Sample Type:	GW	Sample Purpose: MSI	)	End Depth:	
				Sample Matrix:	WG
				Sample Team:	
Analytical Suite		ainers Size Units Type		ERPIMS	Values: Sacode:
VOC	N A 3	40 ML VOA Vial			mrode: ontrol#:
The state of the s					

**Comments:** 



#### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number:	LH041	012
	Task:	04200300

Location Code: CW03-77

Sample Number: LH30173

Sample Name: CW03-77-GW-LH30173-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Collection Date: 12-OCT-04

Collection Time: 10:07

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite Flt Frtn Qty Size Units Type

VOC 40 ML VOA Vial N A 3

ERPIMS Values:

Sacode:

Lot Control#:

**Comments:** 

**Sketch Location:** 

Reviewed BY / Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

1	DTA	1	COC	Number:	T	HOAT	1	<u> </u>	12
- 3	KPA.	1	COC	Number:		, 1114	,	U I	L

Location	Code:	CW04-060

Task: 04200300

Sample Number: LH30174

Collection Date: 12-OCT-04

Sample Name: CW04-060-GW-LH30174-REG

Collection Time: 13:37

Sampling Method: BP

Start Depth:

Sample Type: GW

Sample Purpose: REG

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Flt Frtn Qty Size Units Type ERPIMS Values:

Sacode: Lot Control#:

VOC

N A 3 40 ML VOA Vial

Comments:

**Analytical Suite** 

**Sketch Location:** 

Reviewed BY / Date:	
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### 829564 WPAFB

Manager: Joe Tyburski

	4		RFA / COC Number: LH04	1014
Location Code:	CW05-055		Task	: 04200300
Sample Number:	LH30175		Collection Date	: 14-OCT-0
Sample Name:	CW05-055-G	W-LH30175-FD	Collection Time	: 15:55
Sampling Method:	BP		Start Depth	:
Sample Type:	GW	Sample Purpose: FD	End Depth	·
			Sample Matrix	WG
			Sample Team:	
Analytical Suite		tainers Size Units Type	ERPIM	S Values: Sacode:
VOC	N A 3	40 ML VOA Vial	Lot	Control#;
:				

Comments:

**Sketch Location:** 



#### 829564 WPAFB

Manager: Joe Tyburski

			RFA / COC Number: LH041	014
Location Code:	CW05-055		Task:	04200300
Sample Number:	LH30176		Collection Date:	14-OCT-0
Sample Name:	CW05-055	-GW-LH30176-REG	Collection Time:	15:55
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: <b>RE</b>	EG End Depth:	
			Sample Matrix:	WG
			Sample Team:	
Analytical Suite		ontainers ty Size Units Type	ERPIMS	Values: lacode:
VOC	N A 3	40 ML VOA Vial		acoae: ntrol#;

**Comments:** 



#### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: LH041013	2
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Location Code:	CW05-085		Task:	04200300
Sample Number:	LH30177		Collection Date:	12-OCT-04
Sample Name:	CW05-085-	GW-LH30177-REG	Collection Time:	11:22
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: REG	End Depth:	
			Sample Matrix:	WG
			Sample Team:	
Analytical Suite		ntainers y Size Units Type	ERPIMS	Values; Sacode:
VOC	N A 3	40 ML VOA Vial		ntrol#;

**Comments:** 



Logged BY / Date:

### Sample Collection Log

### 829564 WPAFB

Manager: Joe Tyburski

VOC	N A 3 40 ML VOA V	ial Lot Control#:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	Sample Team: ERPIMS Values: Sacode;
остры турс.	G VV	se: REG End Depth: Sample Matrix: WG
Sampling Method: Sample Type:		Start Depth:
-	CW07-055-GW-LH30178-REG	Collection Time: 11:38
Location Code: Sample Number:		Task: 0420030 Collection Date: 21-OCT



### 829564 WPAFB

Manager: Joe Tyburski

	R	FA / COC Number: LH041014
Location Code:	CW10-055	Task: 04200300
Sample Number:	LH30179	Collection Date: 14-OCT-04
Sample Name:	CW10-055-GW-LH30179-REG	Collection Time: 14:55
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Fit Frtn Qty Size Units Type N A 3 40 ML VOA Vial	ERPIMS Values: Sacode: Lot Control#:
Comments:		



RFA / COC Number: LH041014

#### 829564 WPAFB

Manager: Joe Tyburski

Location Code:	CW10-05	35	Task:	04200300
Sample Number:	LH30179	MS	Collection Date:	14-OCT-0
Sample Name:	CW10-05	5-GW-LH30179MS-MS	Collection Time:	14:55
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: MS	End Depth:	
			Sample Matrix:	WG
-			Sample Team:	

Containers

Analytical Suite Flt Frtn Qty Size Units Type

VOC N A 3 40 ML VOA Vial

ERPIMS Values:
Sacode:
Lot Control#:

Comments:

**Sketch Location:** 



### 829564 WPAFB

Manager: Joe Tyburski

Location Code:	CW10-055		Task:	04200300
Sample Number:	LH30179MST	)	Collection Date:	14-OCT-0
Sample Name:	CW10-055-G	W-LH30179MSD-MSD	Collection Time:	14:55
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: MSD	End Depth:	
•			Sample Matrix:	WG
			Sample Team:	
Analytical Suite		ainers Size Units Type	ERPIMS	Values: Sacode:
VOC	N A 3	40 ML VOA Vial		ontrol#:

Comments:

Reviewed BY / Date:	



#### 829564 WPAFB

Manager: Joe Tyburski

			RFA / COC N	lumber: LH041019_21
Location Code:	FTA2:MW02C			Task: 04200300
Sample Number:	LH30180			Collection Date: 21-OCT-04
Sample Name:	FTA2:MW02C-G	W-LH30180-REG		Collection Time: 10:48
Sampling Method:	BP			Start Depth:
Sample Type:	GW	Sample Purpose: REG	,	End Depth:
				Sample Matrix: WG
				Sample Team:
Analytical Suite	Container Flt Frtn Qty Size	. •		ERPIMS Values: Sacode:
VOC	N A 3 40	ML VOA Vial		Sacoae. Lot Control#;

Comments:

**Sketch Location:** 

Reviewed BY /	Date:
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Logged BY / Date:

# Sample Collection Log

### 829564 WPAFB

Manager: Joe Tyburski

	RFA /	COC Number: LH041019_21
GR-330		Task: 04200300
LH30181		Collection Date: 19-OCT-04
GR-330-GW-LH30181-REG		Collection Time: 11:20
BP		Start Depth:
GW	Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
		ERPIMS Values: ————————————————————————————————————
N A 3 40	ML VOA Vial	Sacode, Lot Control#:
]	LH30181 GR-330-GW-LH3 BP GW Containe Flt Frtn Qty Size	LH30181 GR-330-GW-LH30181-REG BP GW Sample Purpose: REG  Containers Flt Frtn Qty Size Units Type



### 829564 WPAFB

Manager: Joe Tyburski

	RFA / COC Number: LH041019_2			
Location Code:	GR-333		Task: 04200300	
Sample Number:	LH30182		Collection Date: 20-OCT-04	
Sample Name:	GR-333-GW-LH30182-REG		Collection Time: 15:27	
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: REG	End Depth:	
			Sample Matrix: WG	
			Sample Team:	
Analytical Suite	Contai	ners ze Units Type	ERPIMS Values;	
VOC		0 ML VOA Vial	Sacode:	
YOC		WIL VOA VIAI	Lot Control#:	
Comments:				



#### 829564 WPAFB

Manager: Joe Tyburski

			FA / COC Number: LH041019_21	
Location Code:	GR-334		Task: 0420	0300
Sample Number:	LH30183		Collection Date: 20-O	CT-04
Sample Name:	GR-334-GW-LH30183-REG		Collection Time: 14:40	Ð
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: REG	End Depth:	
			Sample Matrix: WG	
			Sample Team:	
Containers Analytical Suite Flt Frtn Qty Size Units Type		. ERPIMS Values:	. ERPIMS Values; ————————————————————————————————————	
VOC	N A 3 40	ML VOA Vial	Lot Control#:	
:		Manager and American Company of the American Company o	,	

Comments:

Reviewed BY /	Date:	



RFA / COC Number: LH041014

#### 829564 WPAFB

Manager: Joe Tyburski

Location Code:	HD-11		Task:	04200300
Sample Number:	LH30184		Collection Date:	14-OCT-04
Sample Name:	HD-11-GW-LH30184-REG		Collection Time:	09:22
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: REG	End Depth:	
			Sample Matrix:	WG
			Sample Team:	

Analytical Suite

Flt Frtn Qty Size Units Type

VOC

N A 3 40 ML VOA Vial

ERPIMS Values:
Sacode:
Lot Control#:

Comments:

**Sketch Location:** 



#### 829564 WPAFB

Manager: Joe Tyburski

	OC Number: LH041014
Location Code.	Task: 04200300
Sample Number:	Collection Date: 14-OCT-04
Sample Name:	Collection Time: 10:22
Sampling Method.	Start Depth:
Sample Type:	End Depth:
	Sample Matrix: WG
	Sample Team:
Containers Analytical Suite Flt Frtn Qty Size Units Type	
VOC	Sacode; Lot Control#:
VOC	L

Comments:



### 829564 WPAFB

Manager: Joe Tyburski

		RFA /	RFA / COC Number: LH041014		
Location Code:	HD-12S		Task: 0420030	0	
Sample Number:	LH30186		Collection Date: 14-OCT	-04	
Sample Name:	HD-12S-GW-LH30186-REG		Collection Time: 10:39		
Sampling Method:	BP		Start Depth:		
Sample Type:	GW	Sample Purpose: REG	End Depth:		
			Sample Matrix: WG		
			Sample Team:		
	Containe:	rs			
Analytical Suite	Flt Frtn Qty Size	Units Type	ERPIMS Values:		
VOC	N A 3 40	ML VOA Vial	Sacode: Lat Control#;		

Comments:



#### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC	Number:	L	$\mathbf{H}$	)41	01	4
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Location Code: HD-13D

Sample Number: LH30187

Sample Name: HD-13D-GW-LH30187-REG

Sampling Method: BP

Sample Type: GW

Sample Purpose: REG

Task: 04200300

Collection Date: 14-OCT-04

Collection Time: 11:32

Start Depth:

End Depth:

Sample Matrix: WG

Sample Team:

Containers

**Analytical Suite** VOC

40

Flt Frtn Qty Size Units Type ML VOA Vial ERPIMS Values:

Sacode:

Lot Control#:

**Comments:** 

Reviewed BY/	Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

			RFA / COC Number: LH041	014
Location Code:	HD-13S		Task:	04200300
Sample Number:	LH30188		Collection Date:	14-OCT-04
Sample Name:	HD-13S-GV	V-LH30188-AB	Collection Time:	12:23
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: AB	End Depth:	
			Sample Matrix:	WG
			Sample Team:	
	Co	ntainers		
Analytical Suite	Flt Frtn Qt	y Size Units Type	ERPIMS	
VOC	* T 1 7	40 MI VOLVEL		Sacode:
<b>VOC</b>	NA3	40 ML VOA Vial	Lace	

Comments:

**Sketch Location:** 



#### 829564 WPAFB

Manager: Joe Tyburski

RFA / COC Number: LH041014

Location Code: HD-13S

Task: 04200300

Sample Number: LH30189

Collection Date: 14-OCT-04

Sample Name: HD-13S-GW-LH30189-REG

Collection Time: 12:23

Sampling Method: BP

Start Depth:

Sample Type: GW

Sample Purpose: REG

End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite

Flt Frtn Qty Size

Units Type

ERPIMS Values:

VOC

N A 3

40

ML VOA Vial

Sacode: Lot Control#;

Comments:

**Sketch Location:** 

Reviewed BY /  L	Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

Location Code:	MW131M		Task:	04200300
Sample Number:	LH30190		Collection Date:	14-OCT-0
Sample Name:	MW131M-GW-	LH30190-REG	Collection Time:	11:00
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: REG	End Depth:	
			Sample Matrix:	WG
			Sample Team:	
Analytical Suite	Contain Flt Frtn Qty Siz	ners ze Units Type	ERPIMS	Values: Sacode:
VOC	N A 3 4	0 ML VOA Vial	•	sacoae; ontrol#:

Comments:



#### 829564 WPAFB

Manager: Joe Tyburski

		ł.	RFA / COC Number: LH041	014
Location Code:	MW131S		Task:	04200300
Sample Number:	LH30191		Collection Date:	14-OCT-0
Sample Name:	MW131S-G	W-LH30191-REG	Collection Time:	12:08
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: REG	End Depth:	
			Sample Matrix:	WG
			Sample Team:	
Analytical Suite		tainers Size Units Type	ERPIMS	Values: Sacode:
VOC	N A 3	40 ML VOA Vial	Loi Co	ntrol#:
i	, ,			

Comments:

**Sketch Location:** 



#### 829564 WPAFB

Manager: Joe Tyburski

Location Code: MW132S

Task: 04200300

Sample Number: LH30192

Collection Date: 14-OCT-04

Sample Name: MW132S-GW-LH30192-REG

Collection Time: 09:30

Sampling Method: BP

Start Depth:

Sample Purpose: REG

End Depth:

Sample Type: GW

Sample Matrix: WG

Sample Team:

**Containers** 

Analytical Suite

Flt Frtn Qty Size Units Type

N A 3

ERPIMS Values:

40

ML VOA Vial

Sacode: Lot Control#:

Comments:

VOC

**Sketch Location:** 

Reviewed BY / Date:	
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#### 829564 WPAFB

Manager: Joe Tyburski

	Task: 04200300
	100000
	Collection Date: 12-OCT-04
LH30193-REG	Collection Time: 14:45
	Start Depth:
mple Purpose: REG	End Depth:
	Sample Matrix: WG
	Sample Team:
nits Type	ERPIMS Values: Sacode:
ML VOA Vial	Lot Control#:
,	mple Purpose: REG

Comments:

**Sketch Location:** 

Reviewed BY / Date:	
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#### 829564 WPAFB

Manager: Joe Tyburski

		RFA /	COC Number: LH041008
Location Code: 1	NEA-MW34-2S		Task: 04200300
Sample Number: I	LH30194		Collection Date: 08-OCT-04
Sample Name: 🖪	NEA-MW34-2S-G	W-LH30194-REG	Collection Time: 11:06
Sampling Method: I	BP		Start Depth:
Sample Type: (	GW	Sample Purpose: REG	End Depth:
			Sample Matrix: WG
			Sample Team:
Analytical Suite	Container Flt Frtn Qty Size	-	ERPIMS Values: ————————————————————————————————————
VOC	N A 3 40	ML VOA Vial	Lot Control#:

Reviewed BY /	Date:



Location Code: NEA-MW37-1D

Sample Name: NEA-MW37-1D-GW-LH30195-REG

Sample Number: LH30195

Sampling Method: BP

Sample Type: GW

### Sample Collection Log

#### 829564 WPAFB

Manager: Joe Tyburski

	Task:	04200300
Coll	ection Date:	08-OCT-04
Coll	ection Time:	10:09

RFA / COC Number: LH041008

Sample Purpose: **REG**Start Depth:
End Depth:

Sample Matrix: WG

Sample Team:

Analytical Suite Flt Frtn Qty Size Units Type ERPIMS Values:

VOC N A 3 40 ML VOA Vial Lot Control#:

Comments:

**Sketch Location:** 

Reviewed BY / Date:	
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#### 829564 WPAFB

		RFA /	COC Number: LH041014
Location Code:	OU10-MW-03S		Task: 04200300
Sample Number:	LH30196		Collection Date: 14-OCT-0
Sample Name:	OU10-MW-03S-	GW-LH30196-REG	Collection Time: 10:26
Sampling Method:	BP		Start Depth:
Sample Type:	GW	Sample Purpose: REG	End Depth:
			Sample Matrix: WG
			Sample Team:
Analytical Suite	Contain Flt Frtn Qty Siz		ERPIMS Values:
VOC	N A 3 40	ML VOA Vial	Sacode: Lot Control#:
Comments			
Comments:			
-			
Sketch Locati	on:		



#### 829564 WPAFB

RFA		/ COC Number: LH041014	
Location Code:	OU10-MW-06D		Task: 04200300
Sample Number:	LH30197		Collection Date: 14-OCT-04
Sample Name:	OU10-MW-06D-G	W-LH30197-REG	Collection Time: 11:50
Sampling Method:	BP		Start Depth:
Sample Type:	GW .	Sample Purpose: REG	End Depth:
			Sample Matrix: WG
			Sample Team:
Analytical Suite	Container: Flt Frtn Qty Size	-	ERPIMS Values: Sacode:
VOC	N A 3 40	ML VOA Vial	Lot Control#:
Comments:			
Sketch Locati	on:		•



#### 829564 WPAFB

Manager: Joe Tyburski

N A 3 40 ML VOA Vial	Sacode:
Containers Flt Frtn Qty Size Units Type	ERPIMS Values:
	Sample Team:
	Sample Matrix: WG
GW Sample Purpose: REG	End Depth:
BP	Start Depth:
OU10-MW-06S-GW-LH30198-REG	Collection Time: 12:44
LH30198	Collection Date: 14-OCT-0
OU10-MW-06S	Task: 04200300
	LH30198 OU10-MW-06S-GW-LH30198-REG BP GW Sample Purpose: REG  Containers Flt Frtn Qty Size Units Type

**Comments:** 

Reviewed BY / Date:	
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#### 829564 WPAFB

Manager: Joe Tyburski

			RFA / COC Number: LH041	012
Location Code:	OU10-MW-11D		Task:	04200300
Sample Number:	LH30199		Collection Date:	12-OCT-04
Sample Name:	OU10-MW-11D-0	GW-LH30199-REG	Collection Time:	16:04
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: REG	End Depth:	
			Sample Matrix:	WG
			Sample Team:	
Analytical Suite	Containe Fit Frtn Qty Size		ERPIMS	Values: Sacode:
VOC	N A 3 40	ML VOA Vial		ontrol#:
Comments:				

**Sketch Location:** 

Reviewed BY / Date:
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#### 829564 WPAFB

Manager: Joe Tyburski

	RFA	/ COC Number: LH041012
Location Code:	OU10-MW-11S	Task: 04200300
Sample Number:	LH30200	Collection Date: 12-OCT-04
Sample Name:	OU10-MW-11S-GW-LH30200-REG	Collection Time: 15:12
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values;
VOC	N A 3 40 ML VOA Vial	Lot Control#:
Comments:		

**Sketch Location:** 

Reviewed BY / Date:	
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**Sketch Location:** 

Logged BY / Date:

## Sample Collection Log

#### 829564 WPAFB

Sample Number: LH3 Sample Name: OU	30201	Collection Date: 20-OCT-0
Sample Name: OU		Confection Date. 20-OCI-C
	0-MW-19D-GW-LH30201-REG	Collection Time: 16:20
Sampling Method: BP		Start Depth:
Sample Type: <b>GW</b>	Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite Flt	Containers Frtn Qty Size Units Type	ERPIMS Values: Sacode:
VOC N	A 3 40 ML VOA Vial	Lot Control#:



#### 829564 WPAFB

Location Code:	OU10-MW-21S	Task: 04200300
Sample Number:	LH30202	Collection Date: 08-OCT-04
Sample Name:	OU10-MW-21S-GW-LH30202-REG	Collection Time: 09:02
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type N A 3 40 ML VOA Vial	ERPIMS Values; —- Sacode; Lot Control#;
Comments:		Lai Comroin.



#### 829564 WPAFB

	RF	A / COC Number: LH041014
Location Code:	OU10-MW-25S	Task: 04200300
Sample Number:	LH30203	Collection Date: 14-OCT-04
Sample Name:	OU10-MW-25S-GW-LH30203-FD	Collection Time: 09:28
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: FD	End Depth:
		Sample Matrix: WG
Analytical Spita	Containers  Elt Extr Oty Size Units Type	Sample Team:  ERPIMS Values:
Analytical Suite VOC	Flt Frtn Qty Size Units Type  N A 3 40 ML VOA Vial	Sacode:
Comments:	N A S TO ME VON TAIL	Lot Control#:



#### 829564 WPAFB

Manager: Joe Tyburski

Location Code:	OU10-MW-25S		Task:	04200300
Sample Number:	LH30204	Collection .	Date:	14-OCT-04

Sample Name: OU10-MW-25S-GW-LH30204-REG Collection Time: 09:28

Sampling Method: BP Start Depth:
Sample Type: GW Sample Purpose: REG End Depth:

Sample Matrix: WG

Sample Team:

Containers

Analytical Suite Flt Frtn Qty Size Units Type

VOC N A 3 40 ML VOA Vial

ERPIMS Values:
Sacode:
Lot Control#:

**Comments:** 



Logged BY / Date:

## Sample Collection Log

#### 829564 WPAFB

manager: 30e Tyburski	
RFA / C	COC Number: LH041008
OU4-MW-02A	Task: 04200300
LH30205	Collection Date: 08-OCT-04
OU4-MW-02A-GW-LH30205-REG	Collection Time: 09:07
BP	Start Depth:
GW Sample Purpose: REG	End Depth:
	Sample Matrix: WG
	Sample Team:
Containers Flt Frtn Qty Size Units Type	ERPIMS Values: Sacode:
N A 3 40 ML VOA Vial	Lot Control#:
on:	
	OU4-MW-02A LH30205 OU4-MW-02A-GW-LH30205-REG BP GW Sample Purpose: REG  Containers Flt Frtn Qty Size Units Type N A 3 40 ML VOA Vial



#### 829564 WPAFB

		RFA / COC Number: LH041008
Langting Code	OYIA MAN OOD	
Location Coae:	OU4-MW-02B	Task: 04200300
Sample Number:	LH30206	Collection Date: 08-OCT-0
Sample Name:	OU4-MW-02B-GW-LH30206-FD	Collection Time: 09:58
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: FD	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values:
VOC	N A 3 40 ML VOA Vial	
Comments:		Loi Control#:



#### 829564 WPAFB

Manager: Joe Tyburski

	RFA A	COC Number: LH041008
Location Code:	OU4-MW-02B	Task: 04200300
Sample Number:	LH30207	Collection Date: 08-OCT-04
Sample Name:	OU4-MW-02B-GW-LH30207-REG	Collection Time: 09:58
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values: Sacode:
VOC	N A 3 40 ML VOA Vial	Lot Control#:
Comments:		



RFA / COC Number: LH041012

### 829564 WPAFB

Manager: Joe Tyburski

Location Code:	OU4-MW-03B		Task:	04200300
Sample Number:	LH30208		Collection Date:	12-OCT-0
Sample Name:	OU4-MW-03B-0	GW-LH30208-REG	Collection Time:	13:31
Sampling Method:	BP		Start Depth:	
Sample Type:	GW	Sample Purpose: REG	End Depth:	
			Sample Matrix:	WG
			Sample Team:	

Containers

Analytical Suite Flt Frtn Qty Size Units Type

VOC N A 3 40 ML VOA Vial

ERPIMS Values:
Sacode:
Lot Control#:

Comments:

**Sketch Location:** 

Reviewed BY / Date:	
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#### 829564 WPAFB

RFA/	COC Number: LH041019_21
	00011111111111111111111111111111111111
OU4-MW-03C	Task: 04200300
LH30209	Collection Date: 19-OCT-04
OU4-MW-03C-GW-LH30209-REG	Collection Time: 11:19
BP	Start Depth:
GW Sample Purpose: REG	End Depth:
	Sample Matrix: WG
	Sample Team:
Containers Flt Frtn Qty Size Units Type	ERPIMS Values:
N A 3 40 ML VOA Vial	Lot Control#:
on:	
	LH30209 OU4-MW-03C-GW-LH30209-REG BP GW Sample Purpose: REG  Containers Flt Frtn Qty Size Units Type



### 829564 WPAFB

	RFA / G	COC Number: LH041019_21
Location Code:	OU4-MW-04B	Task: 04200300
Sample Number:	LH30210	Collection Date: 19-OCT-04
Sample Name:	OU4-MW-04B-GW-LH30210-REG	Collection Time: 10:18
Sampling Method:	BP	Start Depth:
Sample Type:	GW Sample Purpose: REG	End Depth:
		Sample Matrix: WG
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values: — Sacode;
VOC	N A 3 40 ML VOA Vial	Lot Control#:
Comments:		



#### 829564 WPAFB

Manager: Joe Tyburski

RFA /	COC Number: LE	1041008

Lot Control#:

Location Code:	OU4-MW-12B		Task:	04200300
Sample Number:	LH30211		Collection Date:	08-OCT-04
Sample Name:	OU4-MW-12B-GW-I	LH30211-REG	Collection Time:	11:00
Sampling Method:	BP		Start Depth:	
Sample Type:	GW Sa.	mple Purpose: REG	End Depth:	
			Sample Matrix:	WG
			Sample Team:	
Analytical Suite	Containers Fit Frtn Qty Size Ut	nits Type	ERPIMS S	Values: Sacode:

ML VOA Vial

Comments:

Reviewed .	BY / Date:	



#### 829564 WPAFB

		RFA / COC Number: LH041008
Location Code:	FIELDOC	Task: 04200300
Sample Number:	-	Collection Date: 08-OCT-04
Sample Name:	FIELDQC-WA-LH30212-TB	Collection Time: 07:50
Sampling Method:	G	Start Depth:
Sample Type:	WA Sample Purpose: TB	End Depth:
		Sample Matrix: W
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values; ————————————————————————————————————
VOC	N a 2 40 ML VOA Vial	Lot Control#:
Comments:		
Sketch Locati	on:	



#### 829564 WPAFB

		RFA / COC Number: LH041012
Location Code:	FIELDQC	Task: 04200300
Sample Number:	LH30213	Collection Date: 12-OCT-04
Sample Name:	FIELDQC-WA-LH30213-TB	Collection Time: 07:40
Sampling Method:	G	Start Depth:
Sample Type:	WA Sample Purpose: TB	End Depth:
		Sample Matrix: W
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values:
VOC	N a 2 40 ML VOA Vial	Sacode: Lot Control#:
Comments:		
Sketch Locati	on:	



#### 829564 WPAFB

	RF	FA / COC Number: LH041014
Location Code:	FIELDQC	Task: 04200300
Sample Number:	LH30214	Collection Date: 14-OCT-04
Sample Name:	FIELDQC-WA-LH30214-TB	Collection Time: 07:40
Sampling Method:	G	Start Depth:
Sample Type:	WA Sample Purpose: TB	End Depth:
		Sample Matrix: W
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values: ————————————————————————————————————
VOC	N A 2 40 ML VOA Vial	Lot Control#:
Comments:		
Sketch Locati	on:	



#### 829564 WPAFB

Manager: Joe Tyburski

		RFA / COC Number: LH041015
Location Code:	FIELDQC	Task: 04200300
Sample Number:	LH30215	Collection Date: 15-OCT-04
Sample Name:	FIELDQC-WA-LH30215-TB	Collection Time: 07:50
Sampling Method:	G	Start Depth:
Sample Type:	WA Sample Purpose: TB	End Depth:
		Sample Matrix: W
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type	ERPIMS Values: Sacode:
VOC	N a 2 40 ML VOA Vial	Lot Control#:

Comments:

**Sketch Location:** 



#### 829564 WPAFB

Manager: Joe Tyburski

			RFA / COC Number: LH041	019 21
Location Code:	FIELDQC			04200300
Sample Number:	LH30216		Collection Date:	19-OCT-04
Sample Name:	FIELDQC-WA-L	H30216-TB	Collection Time:	07:40
Sampling Method:	G		Start Depth.	
Sample Type:	WA	Sample Purpose: TB	End Depth:	
			Sample Matrix:	W
			Sample Team:	
Analytical Suite	Container Flt Frtn Qty Size		ERPIMS	
VOC	N a 2 40	ML VOA Vial		Sacode: outrof#:
Comments:				



#### 829564 WPAFB

Manager: Joe Tyburski

		RFA / COC Number: LH041019_21
Location Code:	FIELDQC	Task: 04200300
Sample Number:	LH30217	Collection Date: 21-OCT-04
Sample Name:	FIELDQC-WA-LH30217-TB	Collection Time: 07:40
Sampling Method:	G	Start Depth:
Sample Type:	WA Sample Purpose: TB	End Depth:
		Sample Matrix: <b>W</b>
		Sample Team:
Analytical Suite	Containers Flt Frtn Qty Size Units Type  N a 2 40 ML VOA Vial	~ERPIMS Falues: - Sacode:
YUC	N a 2 40 ML VOA Vial	Lot Control#:
Comments:		

Reviewed BY / Date:	
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# Bill of Lading – Perma-Fix October 2004



48149

300 S. WEST END AVENUE DAYTON, OH 45427 TEL: 937/268-6501

Ohio Toll Free: 1-800-762-3602 National Toll Free: 1-800-543-3670

A U.S. E.P.A. Identified Used Oil Recycling and Marketing Facility • OHD004274031

	DATE / -/3-05
DRIVER mike Jenson	DATE 7
TRUCK# 298	PHONE #
NAME WPAFB	-
STREET Shaw EXT trails	9·W
CITY Fairborn Ohio	ZIP CODE
CASH ☐ CHARGE ☐ NO CHAR	GE 🗆 🕟
OIL, NOS COMBUSTIBLE, LIQUID	Unit Price
350 asl wastewat	Pa
goin had up	
- Production	
THANK YOU Present this bill with claims	
. Was	
Well certify that the above identified materials are classified as not reference of the control	egulated materials and/or are suitable with any listed hazardous constituent. all of sellers' costs of collection in the
- D/-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PRINT NAME: Gray ( la mande	
SIGNATURE:	

#### Appendix I

#### **Basewide LTM Chain of Custody Records**

Please Refer to the Enclosed CD LTM Report: October 2004 Field Forms



### **ANALYSIS REQUEST AND** CHAIN OF CUSTODY RECORD

Reference Document No: LH041008

1 of 2 Page

Project Number: 829564

Samples Shipment Date: 08 OCT 2004

Bill To: Greg Plamondon

Norwood

5050 Section Ave

OH 45212

Project Name: WPAFB Sample Coordinator: Marie Chiller

Lab Contact: Denise Pohl

Turnaround Time: Normal

Lab Destination: Severn Trent Lab

Report To: Greg Piamondon

5050 Section Ave

Project Contact: Denise Pohl

Carrier/Waybill No.: Relinquished to STL/ Cinci

Norwood

OH 45212

Special Instructions:		•	i q	*
Possible Hazard Indentification:  Non-hazard	mitant Poison B Unknown	Sample Disposal: Return to Client Disposal by Lab	Archive	(mos.)
1. Relinquished By (Signature/Affiliation)	Date: 16/08/24 Time:	1. Received By (Signature/Affiliation)	\	Date: 10/4/04 Time: /600
2. Relinquished By (Signature/Affiliation)	Date: (*  08   64 Time: /6 20	2. Received By (Signature/Affiliation)	us	Date: 10/9/09 Time: 955
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)		Date: Time:
Comments:		,		

Sample No	Sample Name	Sample Date	Sample Time	Container	Çtr Qty	Preservative	Requested Testing Program	Fii Cli	QC Lvi	Condition On Receipt
LH30154	_ 07-620-M-GW-LH30154-REG	08 OCT 2004	13:17	10 ML VOA Vial	3	HCK-pH 2	VOC by EPA 8260B with MTBE	N	D	
LH30161	879C/D-MW01-GW-LH30181-REG	08 OCT 2004	12:20	O ML VOA Vial	3	HCKpH 2	VOC by EPA 8260B with MTBE	N	ם	
LH30163	879C/D-MW03-GW-LH30163-FD	08 OCT 2004	11:15	IO ML VOA Vial	3	HCKpH 2	VOC by EPA 8260B with MTBE	N	D	2000
LH30164	879C/D-MW03-GW-LH30184-REG	08 OCT 2004	11:15	IO MIL VOA Vial	3	НСКрН 2	VOC by EPA 8260B with MTBE	N	D	
LH30185	B79C/D-MW04-GW-LH30165-REG	08 OCT 2004	09:46 4	O ML VOA Vial	3	НСКрН 2	VOC by EPA 8260B with MTBE	N	D	
JH30166	BMP-0U4-01B-60-GW-LH30168-REG	08 OCT 2004	13:02 4	IO MIL VOA Vial	3	НСКрН 2	VOC by EPA 8260B with MTBE	N	D	·
LH30167	BMP-0U4-01C-84-GW-LH30167-REG	08 OCT 2004	14:00 4	O ML VOA Vial	3	HCKpH 2	VOC by EPA 8260B with MTBE	N	D	· · · · · · · · · · · · · · · · · · ·
LH30167MS	BMP-004-01C-84-GW-LH30167MS-MS	08 OCT 2004	14:00 4	IO ML VOA Vial	3	HCKpH 2	VOC by EPA 8260B with MTBE	N	D	7-



### ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Fil CiD	QC Lvi	Condition On Receipt
.H30167MSD	BMP-0U4-01C-84-GW-LH30167MSD-MS	08 OCT 2004	14:00	40 ML VOA Vial	3 HCI <ph 2<="" th=""><th>VOC by EPA 8260B with MTBE</th><th>N</th><th>D</th><th></th></ph>	VOC by EPA 8260B with MTBE	N	D	
H30194		08 OCT 2004	11:06	40 ML VOA Vial	3 HCI <ph2< td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td></td></ph2<>	VOC by EPA 8260B with MTBE	N	D	
H30195	MEA-MW37-1D-GW-LH30185-REG	08 OCT 2004	10:09	40 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td>•</td></ph>	VOC by EPA 8260B with MTBE	N	D	•
H30202	0U10-MW-215-GW-LH30202-REG	08 OCT 2004	09:02	40 ML VOA Vial	3 HCKpH 2	VOC by EPA 8260B with MTBE	N	B	
H30205	OU4-MW-02A-GW-LH30205-REG	08 OCT 2004	09:07	40 ML VOA Vial	3 HCKpH 2	VOC by EPA 8260B with MTBE	N	6	
H30206	OU4 MW-02B-GW-LH30206-FD	08 OCT 2004	09:58	10 ML VOA Viel	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	D	
H30207	OU4-MW-028-GW-LH30207-REG	08 OCT 2004	09:58	IO ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	D	
H30211	OU4-MW-128-GW-LH30211-REG	08 OCT 2004	11:00	O ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td><del>-</del></td><td>· · · · · · · · · · · · · · · · · · ·</td></ph>	VOC by EPA 8260B with MTBE	N	<del>-</del>	· · · · · · · · · · · · · · · · · · ·
H30212	FIELDQC-WA-LH30212-TB	08 OCT 2004	07:50	IO ML VOA Vial	2 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>┝═┿</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	┝═┿	

Rec'd by Anne Sanders 10/9/04 955 Am



Reference Document No: LH041012

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Dro	ioot	Nici	mha		82956	
<b>≻10</b>	leci	NU	mbe	2F.	B2956	-4

Samples Shipment Date: 13 OCT 2004

Bill To: Greg Plamondon

Project Name: WPAFB

Lab Destination: Sevem Trent Lab

5050 Section Ave Nerwood

Sample Coordinator: Marie Chiller

Lab Contact: Denise Pohi

Report To: Greg Plamondon

Turnaround Time: Normal

Project Contact: Denise Pohl

5050 Section Ave

Carrier/Waybill No.: Relinquished to STL/ Cinci

OH 45212 Norwood

Special Instructions:			
Possible Hazard Indentification:  Non-hazard	oison B 🔲 Unknown 🗍	Sample Disposal: Return to Client Disposal by Lab Archiv	e (mos.)
1. Relinquished By A and Chule	Date: 10   13   07   Time:	1. Received By (Signature/Affiliation)	Date: 10/13/ Time: 10/3/
2. Relinquished By (Signature/Affiliation)	Date: 10/13/8/ Time: 1230	2. Received By JL JuZill (Signature/Affiliation)	Date: 10/14/ Time: 8:3
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:
Comments:			· · · · · · · · · · · · · · · · · · ·

Sample No	Sample Name	Sample Date	Sample Time	Container	Cti Qty		Requested Testing Program	Fil	CID	QĊ Lvi	Condition ( Receipt
H30151	D5-DM-123I-GW-LH30151-REG	12 DCT 2004	15:58	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N		D	
LH30157	859-MW02-GW-LH30157-REG	12 OCT 2004	11:10	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>ĪÑ</td><td></td><td>D</td><td>AND THE PERSON NAMED IN</td></ph>	VOC by EPA 8260B with MTBE	ĪÑ		D	AND THE PERSON NAMED IN
LH30158	859-MW03-GW-LH30158-REG	12 OCT 2004	09:28	40 ML VOA Vial	3	HCKpH 2	VOC by EPA 8260B with MTBE	N	-	Đ	<u> Limenniquisticau</u> .
LH30162	B79C/O-MW02-GW-LH30162-REG	12 OCT 2004	10:12	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</td><td>D</td><td><i></i></td></ph>	VOC by EPA 8260B with MTBE	N	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	D	<i></i>
LH30173	CW03-77-GW-LH30173-REG	12 OCT 2004	10:07	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N		D	
LH30174	CW04-060-GW-LH30174-REG	12 OCT 2004	13:37	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N		D	
LH30177	CW05-085-GW-LH30177-REG	12 OCT 2004	11:22	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td> </td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N		D	
LH30193	NEA-MW27-31-GW-LH30193-REG	12 OCT 2004	14:45	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td><del>j</del></td><td>D</td><td>WATER CO.</td></ph>	VOC by EPA 8260B with MTBE	N	<del>j</del>	D	WATER CO.



(10/14/04 8:30

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Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	QC Lvi	Condition (*) Receip!
LH30199	DU10-MW-110-GW-LH30199-REG	12 OCT 2004	1	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N		D	
LH30200	DU10-MW-118-GW-LH30200-REG	(	1 .0 1.	0 ML VÖÄ Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td>D</td><td>1. *</td></ph>	VOC by EPA 8260B with MTBE	N		D	1. *
LH30208	OU4-MW-03B-GW-LH30209-REG	12 OCT 2004	10.01	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td>Б</td><td>- Alm</td></ph>	VOC by EPA 8260B with MTBE	N		Б	- Alm
LH30213	FIELDQC-WA-LH30213-TB	12 OCT 2004	07:40 4	0 ML VOA Vial	2	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N			



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Project Number: 829564

Samples Shipment Date: 15 OCT 2004

Bill To: Greg Plamondon

5050 Section Ave

Norwood OH 45212

Project Name: WPAFB Sample Coordinator: Marie Chiller

Lab Contact: Denise Pohl

Lab Destination: Severn Trent Lab

Report To: Greg Plamondon

5050 Section Ave

Turnaround Time: Normal)

Project Contact: Denise Pohl

OH 45212

Carrier/Waybill No.: Relinquished to STL/ Cinci Norwood **Special Instructions:** Possible Hazard Indentification: Sample Disposal: Non-hazard Flammable Skin Irritant Return to Client Disposal by Lab Poison B **Archive** Unknown 2 (mos.) 1. Relinquished By (Signature/Affiliation) Date: 10 (15704 1. Received By Date: /6 (Signature/Affiliation) Time: 12:00 Time: Date: (0//5/04 2. Relinguished By 2. Received By Date: 10/16/04 (Signature/Affiliation) (Signature/Affiliation) 200 Time: Time: 09:56 3. Relinquished By (Signature/Affiliation) Date: 3. Received By Date: (Signature/Affiliation) Time: Time: Comments:

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty Preservative	Requested Testing Program	Fil CIE	QC Lvi	Condition On Receipt
H30175	CW05-855-GW-LH30175-FD	14 OCT 2004	15:55	10 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8250B with MTBE</td><td>N:</td><td>D</td><td></td></ph>	VOC by EPA 8250B with MTBE	N:	D	
LH30176	CW05-055-GW-LH30176-REG	14 OCT 2004	15:55	0 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td><u>_</u></td></ph>	VOC by EPA 8260B with MTBE	N	D	<u>_</u>
LH30179	CW10-055-GW-LH30179-REG	14 DCT 2004	14:55	O ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>Ď</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	Ď	
H30179MS	CW10-055-GW-LH30179MS-MS	14 OCT 2004	14.55	IO ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 82608 with MTBE</td><td>N</td><td>D</td><td></td></ph>	VOC by EPA 82608 with MTBE	N	D	
.H30179MSD	CW10-055-GW-LH30179MSD-MSD	14 DCT 2004	14:55	O ML VOA Vial	j 3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td>2</td></ph>	VOC by EPA 8260B with MTBE	N	D	2
H30184	HD-11-GW-LH30184-REG	14 OCT 2004	09:22	0 ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D:</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	D:	
LH30186	HD-12M-GW-LH30185-REG	14 OCT 2004	10:22	O ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N!</td><td>D</td><td><del></del></td></ph>	VOC by EPA 8260B with MTBE	N!	D	<del></del>
LH30186	HD-12S-GW-LH30186-REG	14 OCT 2004	10:39	O ML VOA Vial	3 HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td><u> </u></td></ph>	VOC by EPA 8260B with MTBE	N	D	<u> </u>



Reference Document No: LH041014

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Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fit CID	QC Lvi	Condition On Receipt
H30187	HD-13D-GW-LH30187-REG	14 OCT 2004	11:32 4	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	D	
H301B8	HD-13\$-GW-LH30188-A8	14 OCT 2004	12:23 4	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>ום</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	ום	
LH30189	HD-13S-GW-LH30189-REG	14 OCT 2004	12:23 4	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	D	
.H30190	MW131M-GW-LH30190-REG	14 OCT 2004	11:00 4	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	D	
H30191	MW131S-GW-LH30191-REG	14 OCT 2004	12:08 4	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	D	
LH30192	MW132S-GW-LH30192-REG	14 OCT 2004	09:30 4	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	D	
H30196	OU10-MW-035-GW-LH30196-REG	14 OCT 2004	10:26 4	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N:</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N:	D	
H30197	OU10-MW-06D-GW-LH30197-REG	14 OCT 2004	11:50 4	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N.</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N.	D	
.H30198	OU10-MW-065-GW-LH30198-REG	14 OCT 2804	12:44 4	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N.</td><td>D</td><td>Alberten o o oppositional des manda</td></ph>	VOC by EPA 8260B with MTBE	N.	D	Alberten o o oppositional des manda
H30203	DU10-MW-255-GW-LH30203-FD	14 OCT 2004	09:28 4	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D '</td><td>477. ABBU U 486 ABBU U E</td></ph>	VOC by EPA 8260B with MTBE	N	D '	477. ABBU U 486 ABBU U E
H30204	OU10-MW-255-GW-LH30204-REG	14 OCT 2004	09:28 4	0 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>ם</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	ם	
H30214	FIELDOC-WA-LH30214-TB	14 OCT 2004	07:40 4	0 ML VOA Viai	2	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N.</td><td></td><td></td></ph>	VOC by EPA 8260B with MTBE	N.		

Am Maddus 19/16/04 09:56m



Reference Document No: LH041015

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Project Number: 829564

Samples Shipment Date: 15 OCT 2004

Bill To: Greg Plamondon

Project Name: WPAFB

Lab Destination: Severn Trent Lab

5050 Section Ave Norwood

OH 45212

Sample Coordinator: Marie Chiller Turnaround Time:

Lab Contact: Denise Pohl

Carrier/Waybill No.: Relinquished to STL/ Cinci

Report To: Greg Plamondon

5050 Section Ave

Project Contact: Denise Pohl

Norwood

OH 45212

Special Instructions:	·		
Possible Hazard Indentification:  Non-hazard  Flammable  Skin Irritant	Poison B Unknown	Sample Disposal:  Return to Client Disposal by Lab Archive	(mos.)
1. Relinquished By (Signature/Affiliation) WWW.	Date: 10 /15704 Time: (2:00	( 1. Received By (Signature/Affiliation) , MULL ( )	Date: (0/15/04) Time:  30-0)
2. Relinquished By (Signature/Affiliation)	Date: 10/15/04 V Time: 1300	2. Received By (Signature/Affiliation) Am Modduy	Date: 10/16/04 Time: 09:56
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:
Comments:			

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	FII CID	QC Lvi	Condition On Receipt
LH30156	B59-MW01-GW-LH30156-REG	15 OCT 2004	10:47	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N:</td><td>D</td><td><u> </u></td></ph>	VOC by EPA 8260B with MTBE	N:	D	<u> </u>
LH30159	B59-MW04-GW-LH30159-FD	4		40 ML VOA Vial	: 3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N:</td><td>D</td><td>Ţ,</td></ph>	VOC by EPA 8260B with MTBE	N:	D	Ţ,
LH30160	859-MW04-GW-LH30160-REG	15 OCT 2004	11:21	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>ĬN.</td><td>D</td><td>r c</td></ph>	VOC by EPA 8260B with MTBE	ĬN.	D	r c
LH30215	FIELDQC-WA-LH30215-TB	15 OCT 2004	07:50	40 ML VOA Vial	2	HCI <ph.2< td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td></td><td></td></ph.2<>	VOC by EPA 8260B with MTBE	N		



Reference Document No: LH041019\_21

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Project Number:	829564
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Samples Shipment Date: 21 OCT 2004

Bill To: Greg Plamondon

Project Name: wPAFB

Lab Destination: Severn Trent Lab

5050 Section Ave Norwood

Sample Coordinator: Marie Chiller

Lab Contact: Denise Pohl

Carrier/Waybill No.: Relinquished to STL/ Cinci

Report To: Greg Plamondon

Project Contact: Denise Pohl

5050 Section Ave

Turnaround Time: nor malf

Norwood

OH 45212

OH 45212

Special Instructions:			
Possible Hazard Indentification:  Non-hazard Flammable Skin Irritant	Poison B Unknown	Sample Disposal:  Return to Client Disposal by Lab Archive	(mos.)
1. Relinquished By Jawa (1994)	Date: 10/21/04- Time: \400	1. Received By (Signature/Affiliation)	Date: 10/21/04 Time: 14/00
2. Relinquished By (Signature/Affiliation)	Date: 10134 (04) Time: 1500	2. Received By A. Skaffillation) And Skaffillation	Date: 10/24/04 Time: 9:25
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil CID	QC Lvi	Condition On Receipt
LH30150	05-DM-123D-GW-LH30150-REG	21 OCT 2004	7 11:35 K	0 ML VOA Vial	3 HCi	<ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td>e promise at a sure and was represented to the</td></ph>	VOC by EPA 8260B with MTBE	N	D	e promise at a sure and was represented to the
LH30152	05-DM-123S-GW-LH30152-FD	21 OCT 2004	10:40	IO ML VOA Vial	3 HCI	<ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>IN.</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	IN.	D	
LH30153	05-DM-1235-GW-LH30153-REG	21 OCT 2004	10:40	IO ML VOA Vial	3 HCI	<ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	D	
LH30155	23-578-M-GW-LH30155-REG	19 OCT 2004	09:18	O ML VOA Vial	3 HC	<ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td>- Marine Tools - 25, one artist</td></ph>	VOC by EPA 8260B with MTBE	N	D	- Marine Tools - 25, one artist
LH30168	BS5-P-1-GW-LH30168-REG	19 OCT 2004	14:40	O ML VOA Vial	3 HCI	<ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>Ni</td><td>D</td><td>-</td></ph>	VOC by EPA 8260B with MTBE	Ni	D	-
ŁH30169	BSS-P-2-GW-LH30169-REG	19 OCT 2004	13:52	O ML VOA Vial	3 HC	<ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	D	
:LH30170	BS5-P-3-GW-LH30170-REG	19 OCT 2004	13:51	0 ML VOA Vial	3 HC	<ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N	D	
LH30171	855-P-4-GW-LH30171-REG	19 OCT 2004	L	10 ML VOA Vial	3 HC	<ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>Ñ</td><td>, <b>D</b></td><td>)</td></ph>	VOC by EPA 8260B with MTBE	Ñ	, <b>D</b>	)
·										



al 16/24/04 9:25

Reference Document No: LH041019\_21

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Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	FII CID	QC Lvi	Condition On Receipt
LH30172	CHP4-MW01-GW-LH30172-REG	19 OCT 2004	10:12	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N.</td><td>DI</td><td></td></ph>	VOC by EPA 8260B with MTBE	N.	DI	
H30172MS	CHP4-MW01-GW-LH30172MS-MS	19 OCT 2004	10:12	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N:</td><td>6</td><td></td></ph>	VOC by EPA 8260B with MTBE	N:	6	
H30172MSD	CHP4-MW01-GW-LH30172MSD-MSD	19 OCT 2004	10:12	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>* <del>6</del></td><td>-</td></ph>	VOC by EPA 8260B with MTBE	N	* <del>6</del>	-
H30178	CW07-055-GW-LH30178-REG	21 OCT 2004	11:38	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td><b>6</b></td><td></td></ph>	VOC by EPA 8260B with MTBE	N	<b>6</b>	
H3D160	FTA2:MW02C-GW-LH30180-REG	21 OCT 2004	10:48	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N N</td><td>D</td><td></td></ph>	VOC by EPA 8260B with MTBE	N N	D	
H30181	GR-330-GW-LH30181-REG	19 OCT 2004	11:20	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td><u> </u></td><td></td></ph>	VOC by EPA 8260B with MTBE	N	<u> </u>	
H30182	GR-333-GW-LH30182-REG	20 OCT 2004	15:27	40 ML VOA Viai		HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N</td><td>1 n 1</td><td>72.111</td></ph>	VOC by EPA 8260B with MTBE	N	1 n 1	72.111
H30183	GR-334-GW-LH30183-REG	20 OCT 2004	14:40	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N.</td><td><u> </u></td><td></td></ph>	VOC by EPA 8260B with MTBE	N.	<u> </u>	
H30201	0U10-MW-19D-GW-LH30201-REG	20 OCT 2004	16:20	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N;</td><td>+ 5</td><td>errectarional description of the second</td></ph>	VOC by EPA 8260B with MTBE	N;	+ 5	errectarional description of the second
H30209	0U4-MW-03C-GW-LH30209-REG	19 OCT 2004	11:19	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>NOC by EPA 8260B with MTBE</td><td>N</td><td><u> </u></td><td>COMPANIES PROPERTY AND ARTHUR</td></ph>	NOC by EPA 8260B with MTBE	N	<u> </u>	COMPANIES PROPERTY AND ARTHUR
H30210	004-MW-048-GW-LH30210-REG	19 OCT 2004	10:18	40 ML VOA Vial	3	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N The second</td><td></td><td>and the street of the most and the second</td></ph>	VOC by EPA 8260B with MTBE	N The second		and the street of the most and the second
H30216	FIELDQC-WA-LH30216-TB	19 OCT 2004	07:40	40 ML VOA Vial	- Z	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N I</td><td><del>  -  </del></td><td>of a was made of the water the property to</td></ph>	VOC by EPA 8260B with MTBE	N I	<del>  -  </del>	of a was made of the water the property to
H30217	FIELDGC-WA-LH30217-78	21 OCT 2004	07:40	40 ML VOA Vial	2	HCI <ph 2<="" td=""><td>VOC by EPA 8260B with MTBE</td><td>N .</td><td></td><td>***************************************</td></ph>	VOC by EPA 8260B with MTBE	N .		***************************************

#### Appendix C

#### **OU1 Analytical Data and Chain of Custody Records**

- C1 OU1 Groundwater Analytical Data (Detects Only) July and October
- C2 OU1 Chain of Custody Records July and October
- C3 City of Fairborn Quarterly Effluent Monitoring Transmittal Letters

Please Refer to the Enclosed CD *LTM Report: October 2004 Field Forms* for the Chain of Custody Records and Transmittal Letters

OU1 Groundwater Analytical Data (Detects Only): July and October

Table C1
WPAFB OU1 Groundwater Analytical Data (Detects Only) - July and October 2004
Page 1 of 13

•	SAMPLE DATE LO	LOCATION CODE	SAMPLE PURPOSE	DADAMETER	RESULT CUALIFIER	SENS	NOLULU I	DETECTION	USER TEST GROUP	LAB METHOD	SAMPLE DELIVERY GROUP
	1						2				
		01-004-M	REG	uoj	90009	Jon Jon	-	100	METALS	E200.7	4,022187
	20-00-04	01-004-M	REG	Megneshum	52100	ፉ	-	2000	METALS	E200.7	4,22187
	20-00-04	01-004-M	REG	Manganese	008	ዿ	-	5	METALS	E200.7	4,22187
	20-00-04	01-004-M	REG	Sodium	18700	ዿ	-	2000	METALS	E200.7	4,22187
	20-0ci-04	01-004-M	REG	Arsenic	8	ፉ	-	5	METALS	E200.7	4,22187
	20-00-01	01-00-IV	E C	Berlum	730	۶.	_	8	METALS	E200.7	4,22187
	20-00-04	01-004-M	9EG	Calchum	114000	ል '	- •	9000	METALS 101 CT	E200.7	4,522187
	20-00-04	01-00-F	בו אונים מורים	Acetone	2.5	¥.	- •	01	VOLATILES	SWEEDE	4,120,187
	20-05-05	N-100-10	HEG	1,2,3,7,8,9-HXCDD	0.00000081 Q.J	<b>5</b>		0.0000081	DIOXINS	SWEESO	4.22.183
	20-04-04	¥-100-10	E G		0.0000038	ዿ		0.00000	SOCIETY	SWEEDO	4,00160
	20-00-00	N-700-10	HEG .		0.0000018 G.J	\$	- •	0.0000084	COXINS	SWEED	4 2021 83
	2000 O	M-100-10	EG :	TOTAL HISCOF	0.0000013 B J	호 ·	_	0.0000082	DOXINS	SWEED	201001
	\$000 B	01-00-IV	EG.		0.0000025 Q B J	ğ,	_	0.00000089	SOCIAL	SWEEBU	4,722 183
	20-0d-04	9-00-t-M	RG	Total HXCDF	0.0000025 B J Q	Ž	-	0.000000	SNIXOG	SW8280	4,722.183
	20-0ct-02	01-00-te	REG	2,3,4,6,7,8-HXCDF	0.0000011	ž	-	0.00000059	SNDXONG	SW8290	4,22183
	20-00-02	01-00-14 M-400-10	REG	1,2,3,4,6,7,8-HPCDF	0.0000013 B J	궣	-	0.00000077	DIOXINS	SW6290	4,22183
KH30136	20-0g-0g	01-00-IV	REG	1,2,3,4,7,8-HXCDF	0.00000072 B J	셯	-	0.00000057	DIOXINS	SW8290	4,22183
	10000	01-004-M	REG	1,2,3,7,8,9-HXCDF	0.00000003 Q J	궣	-	0.00000075	DIOXINS	SW8290	4,722183
KH30136	13-04-04	01-DM-102D-M	REG	Megnesium	17900	705	-	0009	METALS	E200.7	AAJ150115
	3	M-0201-M0-10	E C	Potassium	0008	Ą	_	2000	METALS	E200.7	A4J150115
200	_	04-DA4100D-M		Sodium	0.000	2	_	2000	METALS	E200.7	A4J150115
_	_	M 100 100 100 100 100 100 100 100 100 10	2 0	E Park	98	9		٤	METALS	F200.7	A4.150115
		F 1000 100 100 100 100 100 100 100 100 1		a single	200	\$ 5	-	8 5	METAI 8	F200.7	AA1150115
8000		# 0301-F0-10		HIND OF THE P	3	<b>\$</b> §	- •	§ \$	Sevien Cueva	E STAR O	A41180118
	_	M-0201-M-0-10	2 0	COMPANIES OF	2	3		2 \$	Was atti Ee	CHIESEND	A4 1450115
8603	500	M-020-M	2 (	Acetore	96.7.	<b>Š</b>	- ,	2 9			200000
_	3000	01-DM-102D-M	E C	Die(2-Ethylhexy/)phthalate	8,5,5	\$	_	₽ .	SEMMOLATILES	SW6270C	erroerra
_	2000	01-DM-102D-M	S S	TOTAL PECDF	0.00000044 Q.J	ᇂ	-	0.00000066	SNDOM	SWEZBO	4013124
_	30000	01-DM-102D-M	PEG	88	0.0000048 B J	ᇂ	-	0.00000064	SNIXONO	SW8280	4713124
_	_	01-DM-102D-M	MEG	Total TCDD	0.00000007 Q J	ş	-	0.0000012	DIOXGNB	SW8290	4,13124
_		01-DM-102D-M	REG	TOTAL HIXCDF	0.00000067 Q B J	ዿ	-	0.00000062	DIOXINS	SWEZBO	4,13124
	_	01-DM-102D-M	REG	1,2,3,4,7,8-HXCDF	0.00000067 Q B J	ካያሊ	-	0.00000057	DIOXINS	SW8280	4,13124
KH30138 5	10-10-1	M-018-M0-20	REG	<u> </u>	3200	셯	-	Ē	METALS	E200.7	A43070196
	20406	02-DM-81D-M	<b>2</b> 60	Magnestum	58900	ል	-	200	METALS	E200.7	A4,070196
	\$ 550 Y	02-DIM-81D-M	REG	Manganese	\$	궣	-	5	METALS	E200.7	A4J07019S
_	5-00-04	02-DM-81D-M	<b>2</b>	Sodium	11400	ፉ	-	2000	METALS	E200.7	A4J070195
_	\$000 S	02-DM-81D-M	REG	Arsenic	ē	ፉ	-	2	METALS	E200.7	A4J070195
_	4000	02-DM-81D-M	REG	Calcium	115000	Z,	-	2009	METALS	E200.7	A4J070195
_	2000	02-DM-81D-M	REG	Ammonia (as N)	04	ğ	-	200	GENERAL CHEM	E360.3	A4J070195
KH30138	1010	02-DM-81D-M	REG	Acatone	7-	섷	-	5	VOLATILES	SW8260B	A4J070196
	000	02-DM-81D-M	REG	1.2.3.7.8.9-HXCDD	0.0000048 B J	\$	_	0.0000014	DIOXINS	SW8290	4,06324
KH20138	200	M-014-81D-M	E C	Total PECDF	U. B. C. MODOOO. C.	ş	_	0.000014	SNIXOID	SW8290	4,06324
	200	02-014-810-M	E E		0.000014 B.J	, Son	_	0.0000016	SNIXOID	SW8290	4,06324
_	200	M-CHANGE	i ii	Total HXCDD	0.18.10000	5	_	0.000015	SNIXONO	SW8290	4,06324
_	3	MANAGE CO	-	1234878-DD	L B C association	2	_	0.000018	SNIXON	SW8290	4,106324
_	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	DO DATE OF THE PARTY OF THE PAR	2 0	Total DECON	O COCCOOL O	5		0.0000017	SNIXOR	SW8290	4.06324
	5 5	N CHANG SO	2 0	Total LECON	S T C SHOOOLO	3		8100000	SNIXOIO	SWROOD	705907
_	5 5 5	20 CA CA CA CA CA CA CA CA CA CA CA CA CA	0 0		0 0000000 C	\$ 5		0.000015	SNIXO	SWROOD	4.00024
900000	5 6		2 0		- a C 2000000 C	\$ 5		0.00000	SUNCO	CWR290	7 1000
_	5	M-Clambia Street	2 0	200211421444	5 2 10000000	4	- ,	0.000004	2000	2000	7 10000
KH30138	1 2		5 0	4 2 2 2 6 00000	C B D 65000000	3 5		0.000010	SNIXOIO	SWROOM	4.00024
_	5	M-010-M0-20	ָבֶּי כְּי	200000000000000000000000000000000000000	2 2 2000000	\$		0.000001	SMIXON	000000	4 104224
8510548	# F	M-019-M0-20	2 6	1,2,3,4,7,8,9TPCOT	0.000042 G B 3	\$		0.00001		Chieboo	4.00004
	\$ 000 P	02-DM-81D-M	REG	TOTAL HXCDF	0.000014 Q.J.B	호.		0.000001	DOXING	SWBZBO	4,000324
_	\$ 000 000 000 000 000 000 000 000 000 0	02-DM-81D-M	E C	2,3,4,7,8-PECDF	0.0000022 Q B J	٩,		2100000	CONTRACTOR	SWEED	4300364
	# P P P P P P P P P P P P P P P P P P P	02-DM-81D-M	9	1,2,3,7,8-PECDF	0.0000018 Q B J	ğ	_	0.000016	COXING	SWEEDE	*70075
_	50g-04	02-DM-81D-M	REG	1,2,3,6,7,8-HXCDF	0.0000021 Q B J	챃	-	0.0000011	SNIXO	SWBZBO	4,08324
_	70to	02-DM-81D-M	RG	1,2,3,6,7,8-HXCDD	0.0000034 Q B J	셯	-	0.0000018	SNIXOIO	SW8290	4,06324
	50000	02-DM-81D-M	REG	2,3,4,6,7,8-HXCDF	0.0000029 B J	ž	-	0.000001	DIOXINS	SW8290	4,06324
_	\$000 pt	02-DIM-81D-M	REG	1,2,3,4,6,7,8-HPCDF	0.0000044 B J	Z,	-	0.0000014	DIOXINS	SW8290	4,06324
_	2	M-DIM-RID-M	E C	1 2 3 4 7 B-HXCDF	0.0000026 O.B.J	Š	_	0.0000011	SNIXO	SW8290	4,106324
	3	M-CHANGE	2	123789-HXCDF	0.0000042 B.J	1	_	0.0000014	SNIXOID	SW8290	4,06324

Table C1
WPAFB OU1 Groundwater Analytical Data (Detects Only) - July and October 2004
Page 2 of 13

Ugh   1   2000   WETALS   E200.7   AAJ070195
10   10   10   10   10   10   10   10
B J UUCH 100000011 10000011 10000011 10000011 10000011 10000011 10000011 10000011 10000011 10000011 10000011 10000011 1000000
BJ UG/L 1 0,000001 1 0,000001 1 0,000001 1 0,000001 1 0,000001 1 0,000001 1 0,000001 1 0,000001 1 0,000001 1 0,000001 1 0,000001 1 0,000001 1 0,00000000
8 B B C C C C C C C C C C C C C C C C C
8 B B C C C C C C C C C C C C C C C C C
0000 7 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0
0.00000984 Q 0.0000046 Q 0.000003 B 0.000003 B 0.000003 Q 0.0000003 Q
0.00000
Total HPCDF OCDF
900
W. DALBIS.M
\$ 5 5 5 5 6 6 6
KH30138 5-04-04

Table C1
WPAFB OU1 Groundwater Analytical Data (Detects Only) - July and October 2004
Page 3 of 13

						F #26 5 OI 13	2					
GROUP	SAMPLE NO	SAMPLE DATE	LOCATION CODE	SAMPLE	PARAMETER	RESULT QUALFER	SE SE	PACTOR	DETECT LIMIT	USEN TEST GROUP	LAB METHOD	SAMPLE DELIVERY GROUP
00,01	KH30142	20-04-04	02-DM-83S-M	REG	Magnestum	00039	Ng.	_	2000	METALS	E200.7	4,122187
9 10,00	KH30142	20-04-04	02-DIM-83S-M	REG	Manganese	280	ዿ	-	<b>5</b>	METALS	E200.7	4,122187
9 2	KH30142	20-00-04	02-DIM-839-M	REG	Sodium	56400	7	<b>,</b> .	2000	METALS	E200.7	4,22187
000	KH30142	20-03-04	M-838-M		Bartum	270	\$		8 8	METALS	3.5	4,022.18/
5 6	KH30142		M-SS-MG-20	ב ב ב ב	ENDON O	300	5		86	GENERAL CHEM	F260.7	4.02187
8 8	KHRO142	5 5	DATES N	2 4	Chlomberzene	0.140	2 2	187	- 2	VOLATILES	SW82608	4,22187
5 6	KH30142	2000	DZ-DW-R3S-W		cls-1.2-Dichlomethene	07 120	ğ	1.67	80	VOLATILES	SW8260B	4,722187
000	KH30142	2000	02-DW-839-M	REG	Acetone	3.7 JD	ğ	1.67	1	VOLATILES	SW8260B	4,022187
9	KH30142	\$000 \$000 \$000 \$000 \$000 \$000 \$000 \$00	02-DM-639-M	PEG	Benzene	0.62 J.D	ž	1.67	<b>1.</b>	VOLATILES	SW82608	4,022187
9	KH30142	\$ \$ \$ \$ \$ \$	02-DM-638-M	REG	1,1,1-Trichioroethane	38	Ž	1.67	1.7	VOLATILES	SWRZ608	4,022187
90	KH30142	20-00-0	02-DIM-83S-M	REG	Vinyl chloride	O.67 J.D	Ą	1.67	1.7	VOLATILES	SW8260B	4,02187
000	KH30142	2000	M-838-M	REG	1,1-Dichloroethane	50 D	ξ	1.67	1.7	VOLATILES	SW82608	4,122187
2	KH30142	29 OG OG	C2-DM-838-M	REG	1,1-Dichloroethene	2.4 D	Ž	1.67	1.7	VOLATILES	SW8260B	4,22187
0 0	KH30142	20-0ct-04	02-DM-839-M	REG	Total PECDF	0.00000039 Q J	ጀ	-	0.00000044	DIOXINS	SW8290	4,122183
0 0	KH30142	20-00-04	02-DM-838-M	REG	acoo	0.0000032 B J	Ž	-	0.00000088	DIOXINS	SW6280	4,122183
00_0	KH30142	20-0d-04 20-0d-04	02-DIM-83S-M	REG	Total HXCDD	0.000000000 Q J	ዿ	-	0.00000075	DIOXINS	SW8290	4,122183
ا اه_م	KH30142	29-05-05 29-05-05	02-DM-839-M	REG		0.000000\$ B J	ዿ	-	0.00000066	DIOXINS	SW8290	4,22163
20	KH30142	20-00-04	02-DM-83S-M	A C		0.0000006 B J	ξ	-	0.0000000	DIXONS	SW8290	4,122183
و ام	KH30142	\$ 00 00 00 00 00 00 00 00 00 00 00 00 00	M-838-MC-20	REG	TOTAL HXCDF	0.0000008 Q B J	ዿ	-	0.00000048	DHOXINS	SW8280	4.22183
8	KH30142	\$000 \$000 \$000 \$000 \$000 \$000 \$000 \$00	OZ-DW-B3S-M	<b>B</b> B	2,3,4,7,8-PECDF	0.00000038 Q J	ዿ	-	0.0000001	DIOXINS	SW8290	4.22183
9	KH30142	\$ 000 co	02-DIM-838-M	PEG	2,3,4,6,7,8-HXCDF	0.00000044 J	ያ የ	_	0.00000044	DOXINS	SW(280	4,22183
8	KH30142	2000	M-CS-MC-20	REG	12,3,4,7,8-HXCDF	0.00000036 Q B J	101		0.0000043	DOXINS	SW6Z9C	4,722183
6 6	KH30143	\$ 6 6 6 6 6 7	25-04-04-04-04-04-04-04-04-04-04-04-04-04-	2 6	<b>SE</b>	0222	4		8 5	METALS	200.	A420011/
5,8	KHSO143	5 5		2 6	шпаелбан	35	3		96	2 2 2 2	2007	/1000111
3 8	240000	5 6		2 &		2	<b>3</b> 9		2	STATE OF THE PARTY	3 6	A4 1200117
3 8	2000	5 6		2 6	E SOCIAL SE	200	\$ 1		3 5			44 1200117
3 8	0430143	5 5	10-04 M	2 &	Parken	3 8	1		2 82	NETALS	E200.7	A4.200117
90	KH30143	10000	W-78-MQ-20	2	Celotim	143000	Š		2009	METALS	E200.7	A4J200117
9	KH30143	1800	02-DM-94-M	£	Ammonie (as N)	92	7		902	GENERAL CHEM	E360.3	A4J200117
50	KH30143	18-00-04	62-DM-84-M	6	Acetone	4.1 J	ğ	-	2	VOLATILES	SW8260B	A4J200117
9	KH30143	19-00-04	02-DM-84-M	6	Benzene	0.83 J	7	-	-	VOLATILES	SW8260B	A4J200117
00_0	KH30143	18-04-04	02-DM-84-M	æ	ocoo	0.0000034 B J	μ <sub>γ</sub>	-	0.00000085	DIOXINS	SW8280	4J13124
ا ا	KH30143	18 0-1-0-1-0-1	02-DM-84-M	2		0.00000057 Q B J	ዿ	-	0.00000079	DHOXINS	SW8290	4,13124
S 5	KH30143	60 60 60 60 60 60 60 60 60 60 60 60 60 6	02-DW-84-W	2		0.00000057 Q B J	ዿ	-	0.00000079	SNIXON	SW8280	4713124
000	KH30143	4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	02-DW-84-W	2 (	Total HXCDF	0.00000094 Q B J	ZG.	- ,	0.0000064	SNIXO	2448290	4713124
5 6	KH30143		M-44-M	5 6	1,2,3,6,7,8-HXCOF	CD STOOMS O	\$ 5		0.0000048	SOCIAL	SWRDBO	4113124
3 2	KH20144	5 5	M-DIMBA-M	PFG PFG	loon the state of	21500	2	-	100	METALS	E200.7	A4.200117
200	KH30144	10.00	02-DM-84-M	EG.	Mechesium	71800	, d		2000	METALS	E200.7	A4J200117
8	KH30144	18-00-04	02-DM-84-M	REG	Manganese	95	ሻ	-	5	METALS	£200.7	A4J200117
0 0 0	KH30144	18-Og-Og-Og-Og-Og-Og-Og-Og-Og-Og-Og-Og-Og-	02-DM-84-M	REG	Sodium	14900	7	-	2000	METALS	E200.7	A4,200117
00.00	KH30144		82-DW-94-M	REG	Araenic	23	ዿ	-	₽ }	METALS	E200.7	A4.200117
5	KH30144	180 00 00 00 00 00 00 00 00 00 00 00 00 0	02-DW-84-W	REG	Berlum	410	Š,	_	88	METALS	E200.7	A4.200117
000	KH30144	4 5 5 5 5	02-DW-94-W	HEG.	Calcium	138000	ارو د	- •	86	METALS	200	/11000111
5 6	KH30144	\$ 5 5 5 6 7 7 8 8	02-OM-84-M	A 10	Ammonia (as N)	96	<b>3</b> 5		8 5	VO ATILES	CWR040B	A4.200117
3 8	CUSOLA	\$ 500 B	DA DIMBALIA	2	Beczne	284	\$ 5		≥	VOLATILES	SW82608	A4.200117
8 6	KH30144	9	02-DW-84-W	REG C	bls(2-Ethythexyf)ohthalate	0.83	7	-	. 2	SEMIVOLATILES	SW8270C	A4J200117
50	141080	400	02-DW-84-M	PEG	0000	0.0000028 B J	궣	-	0.0000006	DIOXINS	SW8290	4,113124
9 19	KH30144	18-Oct-04	02-DM-84-M	REG	Total HPCDF	0.00000043 Q B J	ዿ	-	0.00000068	DIOXINS	SW6280	4J13124
و ا	<b>CH30144</b>	18-Oct-04	02-DM-84-M	REG		0.00000064 Q B J	ዿ	_	0.00000061	DIOXINS	SW8280	4,13124
20.0	KH30144	# 00 00 00 00 00 00 00 00 00 00 00 00 00	02-DM-94-M	<b>PE</b> 0		0.00000043 Q B J	\$		0.000006	SNIXOR	SW8290	4313124
5	KH30144	18-00-04	UZ-DIM-DR-M	HEG	1,4,3,4,7,8-HACUF	O.COCOCOS C B J	100		0.00000040	NOVING NOVING	STOCES	1310101

Table C1
WPAFB OU1 Groundwater Analytical Data (Detects Only) - July and October 2004
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	SAMPLE DELIVERY GROUP	A4J070195	A4.1070195	A4.070195	A4J070196	A4J070195	AAJ070195	A4.070195	4 106324	4,06324	4706324	4,06324	4,06324	4,06324	4706324	4,06324	4.06224	A4 IOBO140	A4.080149	A4J080149	AAJ080149	A4,080149	A4,1080149	A4,080149	4 106224	4.06224	4,06324	4,06324	4,06324	4.06324	4,08324	4,06324	4,106324	A4.070195	A4J070195	A4J070195	A4J070195	A4.070195	AAJ070196	A4J070196	4,006324	A4J070196	A4J070196	A4J070195	A4.070185	AAJ070195	A4J070195	A4J070196	4,006324	4.06324	4708324	4706324	4,06324
	LAS METHOD	E200.7	E200.7	F200.7	E200.7	E200.7	E200.7	E360.3	SW62/UC	SW8290	SW8280	SW8280	SW6290	SW6290	SW8290	SW8290	SWEED	E200 7	E200.7	E200.7	E200.7	E200.7	E200.7	E200.7	E360.3	SW BEST	SWEZBO	SW8290	SW8290	SW8290	SW8290	SW8280	SW8290	E200.7	E200.7	E200.7	E200.7	E250.7	SW82608	SW8260B	SWESTO	E200.7	E200.7	E200.7	E200.7	E200.7	E360.3	SW8260B	SW8290	SW8290	SW8280	SW6290	SW8290
	USER TEST GROUP	METALS	METALS	METALS	METALS	METALS	METALS	GENERAL CHEM	SEMINOLATILES	SNIXOIO	DIOXINS	DIOXINS	DIOXINS	DIOXINS	SNIXON	DIOXINS	SOCIAL	METALS	METALS	METALS	METALS	METALS	METALS	METALS	GENERAL CHEM	SACA	SNIXOIO	DIOXINS	DIOXINS	SNIXOR	DIOXING	DIOXINS	SNIXOIO	METALS	METALS	METALS	METALS	METALS GENERAL CHEM	VOLATILES	VOLATILES	SNIXOIG	METALS	METALS	METALS	METALS	METALS	GENERAL CHEM	VOLATILES	SNIXOR	SNIXOR	SNIXOIG	DIOXINS	SNIXOR
	DETECT LIMIT	100	900	2 02	2009	802	2000	8 9	9100000	0.000018	0.0000017	0.000016	0.00001	0.00000091	0.00000088	0.0000012	0.000000	2000	300	50	2009	\$	8	2000	200	0.000012	0.000001	0.00001	0.0000012	0.0000008	0.0000083	0.00000075	0.00000088	8 8	25	2009	500	2000	5	-	0.0000038	100	2000	±5	200	30 S	200	-	0.0000011	0.00000	0.000011	0.00000083	7,000000
NOT THE	FACTOR		- •		-	-			~ •			_	-	-	-	_				-	-	-	-	-				-	_			-	-			-	-		-	-		-	-	_			_	-				-	-
		7/01	5	5 5	4	섷	Š	<u>چ</u>	5	9 5	5	5	4	, da	ş	5	4		\$ 5	Š	섷	ዿ	ž	支	Ž,	\$	3 3	ž	ዿ	<b>5</b>	\$ \$	, 호	νδη	16 F	5 5	, §	7	\$ 5	<u> </u>	ᇂ	<u></u>	100	ş	76n	\$	\$ \$	텋	호	ፉ:	<u> </u>	4 4	\$	
,	RESULT QUALIFIER	2800	90/86	366	132000	088	00906	1000	C 8.0	0.000003	0.000003 83 0	L 8 O 8100000	0.0000061	0.0000017 B J	0.00000009 Q B J	0.0000015 B J	0.0000011 BJ	700000	21000	4	23600	18	006	114000	1000	0.0000061 8.3	2 8 C 5 C C C C C C C C C C C C C C C C C	0.0000012 B J	0.000002 Q B J	0.0000027 Q B J	0.0000012 B J	0.000001 Q B J	0.00000088 Q B J	2200	98	00/81	360	0000	1.8.1	0.36 J	0.00001 B J	2200	28600	8	18900	100000	06	0.34 J	0.0000083 BJ	0.0000029 Q B J	0.0000018 Q B J	0.0000015 Q B J	0 0 12 0 TO 10 TO
	PARAMETER	uoil	Magnestum	Department of	Sodem	Bartum	Celchm	Ammonia (as N)	Des(2-Ethythexy/)phthalate	Total Herri		1234789-HPCDF	Total HXCDF	1,2,3,6,7,8-HXCDF	2,3,4,6,7,8-HXCDF	1,2,3,4,6,7,8-HPCDF	1,2,3,4,7,8-HXCDF	1000VIII (10,10,2)	Memorities	Mandanase	Sodium	Arsenic	Bertum	Calclum	Ammorrie (es N)	0000	Total HPCDD	Total HPCDF	9CDF	Total HXCDF	1,2,3,6,7,8-HXCUF	1.2,3,4,7,8-HXCDF	1,2,3,7,8,9-HXCDF	uoul	Magnesium	Sodium	Bertum	Calcium Amonole (se N)	Acatone	Benzene	0 8		Magnestum	Manganese	Sodium		Ammonia (as N)	Benzene	0000	Total HPCDF	12.3.4.7.8.9-HPCDF	Total HXCDF	1002148444
SAMPLE	PUMPOSE	REG	E C	ב ב ב ב		REG	REG		ב פון פון	) ()	5 0	2 6		E G	REG	REG	E C	ב ב ב	5 6	9.6	F	REG	PEG	REG	PEG	F 6	5 0	HEG .	REG	PEG	ב ב ב ב ב ב ב ב	, E	REG	e (	2 6	2 &	£	6	2 62	£	ද ද	2 2	AEG	REG	HEG.	ם נו	EG .	REG	<u> </u>	AEG		REG	910
	LOCATION CODE	LF08-MW02A	LF08-MW02A	L'TUB-MWUZA	LF08-MW02A	LF08-MW02A	LF08-MW02A	LF08-MW02A	LF08-MW0ZA	L-CO-MWCZA	I FORTAMOSA	FORTWOOD	I FOR LAWOZA	LF08-MW02A	LF08-MW02A	LF08-MW02A	LF08-MW02A	L'OP-MATORY.	L-CO-MACCC	LFOR-LAWOZC	LF08-MW02C	LF08-MW02C	LF08-MW02C	LF08-MW02C	LF06-MW02C	LF08-LAW02C	EDE-MANGED	LF08-MW02C	LF08-MW02C	LF06-MW02C	- FORTWOOD	LF06-MW02C	LF08-MW02C	LF08-MW06B	LFOR-MWOSB	LF08-MW05B	LF06-MW06B	LFOG-MWOGB	LF08-MW05B	LF08-MW05B	LF08-MW05B	I FOR LAWOOR	LF08-MW05B	LF08-MW05B	LF08-MW05B	L-OB-MWOSB	LF08-MW05B	LF08-MW05B	LF08-MW05B	LF08-MW05B	LF08-MW05B	LF08-MW06B	DECOME OF 1
	SAMPLE DATE	\$-0ct-04	\$ 6 6 6 6	<b>4</b> 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	300	5000	\$-0a-04	5040	7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	5 6	3 5	3 5	3	000	5000	\$-00t-04	2000	500	500	5 5	9000	<b>6</b> -04-04	<b>40</b> 504	10-100-04 04-04-04	\$ 000 000 000 000 000 000 000 000 000 00	9	9 9	9	9-00-04	9	5000	9	6-Oct-O4	5-04-04	0000	5 5	6-0ct-04	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2000	5-04-04	7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2000	5000	6-0d-04	5000	\$ \$ \$	500	5-0d-04	9000	000	10 to 0	50905	710
	SAMPLE NO	KH30146	KH30148	KH30146	KH30148	KH30146	KH30146	KH30148	KH30148	KH30148	KH30146	N-130146	KH30146	KH30146	KH30146	KH30148	KH30146	XH30146	KH30147	CH20147	K0430147	KH30147	KH30147	KH30147	KOH30147	KH-20147	7,000	KH30147	KH30147	KH30147	KH30147	KH30147	KH30147	KH30148	KH30148	KH30148	KH30148	KH30148	KH30148	KH30148	KH30148	KH30148	KH30149	KH30149	KH30149	XH30148	CH30148	KH30149	KH30149	KH30148	KH30149	KH30149	*********
2000	NAME:	00_01	5-0	5 5	3 8	00	8 10	0 0 0	50	500	5 5	3 8	8 5	90	00	00_01	00 10	3	5 6	3 2	9	8	8	8	8 9	8	8 8	588	00.00	00.00	5 5	88	00.00	00_01	8 6	50	00 01	5 6 6	3 3	00,00	50	6 6	25	00_01	00_01	5 5	8 8	00.0	00_0	200	5 6	00	- 2

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WPAFB OU1 Groundwater Analytical Data (Detects Only) - July and October 2004
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GROUP	SAMPLENO	SAMPLE DATE	LOCATION CODE	SAMPLE	PARAMETER	RESULT QUALIFIER	UNITS	DILUTION FACTOR	DETECT LIMIT	USER TEST GROUP	LAB METHOD	SAMPLE DELIVERY GROUP
10 NO	KH30150	50000	LF08-MW08A	REG	νoi	1700	Å	-	8	METALS	E200.7	A4J070186
9	KH30150	Q Q	LF09-MW08A	BEG.	Macrostum	40800	Ą	-	2000	METALS	E200.7	A4J070195
90	KH30150	Q Q	LF08-MW08A	REG .	Mengenese	140	ል	-	16	METALS	E200.7	A4J070195
00.00	KH30150	2000	LF08-MW08A	REG	Sodium	11100	γ'n	-	2009	METALS	E200.7	A4J070185
00 10	KH30150	50g-04	LF08-MW08A	REG	Arsenic	52	ያ የ	-	2	METALS	E200.7	A4J070195
و اع	KH30150	\$08.00 \$0.00	LF08-MW08A	RG	Bartom	640	ዿ		8	METALS	E200.7	A4.070186
5-0	KH30150	9	LF08-MW08A	E 6	Celctum	85800	Z i		8	METALS	2007	44 1070195
5 6	KH30150	000	LFOB-MWG8A	9 6	Ammonia (88 N)	200	7		3 5	GENERAL CAEM	C.VOC.3	44 1070106
5,8	02108130	5 6	L-OF-MWORA	2 0	Acatoria Total percen	2 8.0	\$ 9	- •	20000000	SALVO	CWROCO	4 106324
5 6	KH30150	5 6	- COO MANORA	200		0.000001 G B J	4	- •	0.0000088	DOVING	SWROOM	4.106324
5 6	20000	5 6	LTUG-MW100A	2 2	1 2 2 4 6 7 8 HBCOD	0.000000	Š		0.000012	SHIXOIG	CWROO	4.10824
5 6	KH30150	9 6	L-OS-MWORA	2 6	1,2,3,4,0,7,8+1PCUU	0.000000	4	- •	0.000012	SHIXON	Owward.	4 106324
5 6	KH30150	000	C-OB-MWORA	2 (	I MECOLI	O COCCOOL	4	- •	0.000012	COXING	CAMBOOO	4 100324
5 8	KH3039	5 6	- L'OG-MATORA	9 0	POST MAN	2 0000000	3		0.00000	SHOOL	CWESON	4.106324
5 6	KH30150	3 6	LFUG-MWUSA	2 6		0.000001	4	- •	0.000006	BUXON	Contendo	4 106334
5 6	KH30150	5 6	-C-C-F-WORA	2 6	TOTAL HACOT	0.000001 83 4	4	- •	0.0000000	SHOOL	CAMPSON	4 100224
5 6	KH30150	\$ 6 6 6 6	L-to-wwdgy	ב ב	2,3,4,7,8-PECUF	0.0000001 12 5 5	\$ 5		0.000000	SIXOS	SWR200	4.006324
5,6	00100100	500	- Line-manoe		1000 0 to 100 0	60 000000	\$ 9	-	10000	SNIXON	COMMO	Y IUKSA
5 5	KH30150	3 3	FORTON	ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב	1 2 3 7 8 0 HIXCDF	0.0000012 Q B J	\$ 5		0.0000012	SINCOR	SWR290	4706324
	KH30151	20.00	FOR LAWORB	PEG P	ucul	510	Von		ğ	METALS	E200.7	A4J070196
2 2	KH30151	800	LF06-MW08B	BEG	Macroselum	41300	4	-	2009	METALS	E200.7	A4J070196
9	KH30151	900	LF08-MW08B	REG	Manganese	180	ዿ	-	5	METALS	£200.7	A4J070196
9	KH30151	400	LF08-MW08B	REG	Sodium	11000	ž	-	9009	METALS	E200.7	A4J070196
20	KH30151	2000	LF08-MW08B	REG	Bertum	099	ፉ	-	8	METALS	E200.7	A4J070196
9	KH30151	\$000 600 600 600 600 600 600 600 600 600	LF06-MW06B	REG	Calcium	88100	ዿ	-	2009	METALS	E200.7	A4J070196
ا ام_	KOH30151	90 90 90 90 90 90 90 90 90 90 90 90 90 9	LF08-MW08B	REG	Ammonia (as N)	006	ዿ	-	8	GENERAL CHEM	E360.3	A4J070195
8	KH30151	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	LF08-MWO8B	REG	Aostone	0.92 J	ዿ	_	9	VOLATILES	SW82608	A4J070186
و ام	KH30151	30 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	LF08-AAWO6B	REG	TOTAL PECDE	0.0000011 Q B J	ዿ	-	0.00001	SWXON	SWEZBO	4,06324
8	KH30151	\$ \$ \$ \$ \$ \$ \$ \$	LF06-MW08B	HEG	9000	0.0000075 B J	ዿ <b></b>		0.00002	SIDOM	OKA BECOM	4,000324
9	M30151	7 6	LF06-MW08B	E C	1,2,3,4,6,7,8-HPC00	0.000018 Q B J	4		0.000018		SWESSO	4.06324
5 6	refoots	5 5	CTOS-MAYORS	200		0.0000018 G B 2	<b>3</b> 5		9,0000	NOXINS	SWR290	4.106324
3 2	KH30151	5 5	FORTWOOR	2 6	CCDE	F 8 8900000	2	_	0.000024	SNIXO	SW8290	4,06324
2 2	120151	Ş	I FOR LAWORB	. E	1.2.3.4.7.8.9-HPCDF	L 8 O 7200000	Š		0.000017	DIOXINS	SW8290	4,06324
9	KH30151	400	LF08-MW08B	a S		0.000004 Q B J	ğ	-	0.0000011	SNIXOID	SW8290	4,106324
00.00	KH30151	50404	LF08-MW08B	REG	Total TCDF	0.0000039 Q J	ዿ	-	0.0000028	DIOXINS	SW8290	4,106324
0 0	KH30151	\$000 \$000 \$000 \$000 \$000 \$000 \$000 \$00	LF08-MW08B	REG	2,3,4,7,8-PECDF	0.0000011 Q B J	ዿ	-	0.00000095	SNIXOIG	SW8290	4706324
10_00	KH30151	\$000 \$000 \$000 \$000 \$000 \$000 \$000 \$00	LF08-MW08B	REG	1,2,3,6,7,8-HXCDF	0.00000008 Q B J	ል	-	0.00000094	DIOXINS	SW8290	4,106324
8 -9	KH30151	2000	LF08-MW08B	REG	2,3,4,6,7,8-HXCDF	0.0000015 Q B J	ል የ	-	0.0000011	SNIXOID	SW8Z90	4,06324
5 8 8	KH30151	9 9	LF08-MW08B	E 0	1,2,3,4,6,7,8-HPCDF	0.0000017 15.3	\$ 5		0.000012	DIOXINS	SW8290	4,006324
30	KHRO152	3	FORTWORK	PED	Abraham	540	Von	-	200	METALS	E200.7	AAJ070195
00	KH30152	800	LF08-MW08C	AEG.	5	069	γon	-	8	METALS	E200.7	A4J070195
90,00	KH30152	90 90 90 90 90	LF08-MW08C	REG	Megnestum	2000	ፉ	-	2000	METALS	E200.7	A4J070196
9 2	KH30152	3-04-04 0-04-04	LF08-MW08C	R.	Manganese	4	ዿ	•- •	£ 5	METALS	E200.7	A4.070196
5 6	KH30152	400	LF08-MW08C	E G	Sodium	18400	70.		8 8	METALS	E200.7	A4 0770406
00	KH30152	2000	LF08-MW08C	E G		250	4		3 2	METALS	200.7	2810/00W
5 6	KH30152	\$ 8 8 8 8 8 8	L-OB-MWORC CEDE-MANDEC	2 0	Amoode (se M)	2006	\$ }	-	3 8	GENERAL CHEM	E360.3	A4.1070195
3 2	KH30162	Ş	FORTAMORC	2 4	OCDO	0.0000082 O.B.J.	\$ \$	-	0.000035	SNIXOIQ	SW8290	4,06324
9 9	KH30152	S O	- FOR-IAWORC	9 9	Total HXCDF	0.0000015 Q B J	ğ	_	0.0000014	SNIXOIG	SW8290	4,06324
9	KH30152	2000	LF08-MW08C	R.		0.0000015 Q B J	νön	1	0.0000014	DIOXINS	SW8290	4,06324
00,00	KH30153	18-04-04	LF08-MW09A	REG	Magnestum	34300	7/đn		2000	METALS	£200.7	A4J200117
<u>8</u> -9	KH30153	18-04-04	LF08-MW08A	REG	Manganese	ន	ል	-	<del>5</del>	METALS	E200.7	AAJ200117
00_0	KH30153	1800	LF08-MW08A	EG.	Potaestum	0000	ዿ	_	2000	METALS	E200.7	A4J200117
5	KH30153	<b>7</b>	LF08-MW08A	RG G	Sodium	37100	ዿ	- •	200	METALS	E200.7	A4J200117
5 6	KH30153	4 6	LF08-MW09A	9 0		7870	4	- •	8 5		E200.7	A41900117
3 8	KH30163	5 5	LFOG-WWORA		Ammonia (se N)	2005	3 3	- +-	8 8	GENERAL CHEM	E350.3	A4J200117
3	MINNES	1		1	Later that the later I		- 42					

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WPAFB OU1 Groundwater Analytical Data (Detects Only) - July and October 2004
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SAMPLE DELIVERY GROUP	A4J200117	A4J200117	A4J200117	A4J200117	A4J200117	A4J200117	4,013124	4,13124	4713124	A4JUBUSSO A4 INBUSSO	44 1000000	A4.000330	44.000000	A4J080338	AAJOBG356	AAJUBUSSB	4 106224	4 10000	4 104724	7 106724	4,06324	4,06224	4706324	4,06224	4.106324	4706324	4706324	4706224	4706324	4,06324	4,06324	4,06524	4,00324	4,00324	7708354	4,06324	A4J080149	A4,080149	A4J080148	A4.080149	4 108/24	770077	A4J080149	A4J080148	AAJ080149	A4J080149	A4J080148	A4.080149	A4.080148	4,06324	4,06324	4,06324	4,06324	4,06324	4.106324
	8					-							_									_					_	_	_	_		_					_									-		_			_		_		_
כ	SW8260B	E200.7	E200.7	E200.7	E200.7	SWBZBOB	SW6290	SW8280	SWEERS	5300.7	7 500	E200.7	E200.7		E200.7	E300.3	3446200	CWADO	CW920A	SWEDGE	SW8290	SW829	SWB290	SW8290	SWRZDC	SWEZBY	SW8290	BW8290	SW8290	SW8290	SW8290	SW8Z80	SWEEN	SWGZBU	SWR290	SW8290	E200.7	E200.7	E200.7	5260.7	CW8260	SW8280	E200.7	E200.7	E200.7	E200.7	E200.7	E200.7	E3603	SW8290	SW8290	SW8290	SW8290	SW8290	SW8290
USER TEST GROUP	VOLATILES	METALS	METALS	METALS	METALS	VOLATILES	DIOXINS	SNOXON	CAUNCY	MEIALS	2 4 5	S WE WE	2 2 2	METALS	METALS	GENERAL CHEM		SNIXOR	SHIVON	SHACK OF THE SHACK	SNIXON	SNIXONO	DIOXINS	DAOXINS	DIOXONS	DIOXUNS	DIOXINS	DIOXUNS	DIOXINS	SNIXOIG	SNIXOIG	SNIXOIG	SNIXON	SUSSING	SNIXOIG	DIOXINS	METALS	METALS	NE MES	METALS Opening A Cure	DOWNS CHEM	SNIXOR	METALS	METALS	METALS	METALS	METALS	METALS	DENEDAL CHEM	DIOXINS	DIOXINS	DIOXINS	SNIXOIG	DIOXINS	DIOXINS
DETECT LIMIT	10	2009	2000	200	2000	9	0.00000077	0.00000089	1100000	8 8	900	e 6	86	8 5	2000	8 9	010000000	0.0000080	700000	0.000000	0.000000	0 0000004	0.000000	0.0000000	0.0000013	0.00000007	0.000000	0.0000011	0.0000006	0.00000062	0.00000082	0.0000081	0.000001	0.0000083	0.0000083	0.00000063	100	2000	5	200	3000	0.0000024	5	2000	\$	2000	2000	8 8	900	0.000012	0.00000098	0.00000088	0.00000098	0.00000074	0,00000071
FACTOR	1	-	-	-	-	-	-	-	-		- ,	- •		- 1			- •		- •	- •	- •							-	-	-	_	<b>.</b>	- ,	-,			-	-	_	- ,	- •		-	-	-	-	_	-,	- •		_	-	-	-	-
STINO	7/Ôn	ž	ዿ	Ą	ዿ	ಕ್ಕ	Z,	ዿ	JON.	4	5	\$	بر م	ξ,	8	8	16	5	5	\$ 9	\$ 5	5	5	5	3	Š	4	ş	ş	ል	ፈ	/6n	\$	4	5	호	76n	ሌ የ	ę,	4		5	γon	ል	ል	ፉ	ر م	8	\$ 5	<b>4</b> 4	1	Š	4	Z,	John J
RESULT QUALIFIER	2.3	00809	14700	240	167000	?-	0.0000022 B J	0.00000094 B J	0.00000089 Q J	1700	near T	3.00	0008	150	28200	8	L.S. L	0.000001 BJ	COCCUSE OF D	C a caccocc	O COCCOS B 1	0.000003	0.000078.3	0.000000	O DOUGOE B. I	0.0000015.0.B.J	0.0000011 B.J	0.0000032 Q B J	0.000012 Q B J	0.0000017 B J	0.0000012 Q B J	0.0000016 Q B J	0.0000017 Q B J	0.00002 B J	0.0000027 Q B 3	0.0000028 B J	1000	26000	88	00076	000	S a sound o	2200	13900	90	7000	8600	140	8//	0.0000068 B.J.	0.0000000 B J	0.0000015 B Q J	0.0000000F7 B J		0.00000091 O B J
PARAMETER	Acetone	Magneshum	Sodium	Bertum	Calcium	Acetone	0000	OCDE	Total TCDD	<u> </u>	Megnettum	Manganese	Sodium	Zuc	Calcium	Ammonia (as N)	Acetone	1,2,3,7,8,9-HXCDD		14.1	1234878-HPCDD	Total DECIDE	THE HELDS	TOPE HECOE	3000	1 2 3 4 7 8-HYCDD	1.2.3.7.8-PECDO	12.34.7.8.9-HPCDF	TOES HXCDF	2,3,4,7,8-PECDF		1,2,3,6,7,8-HXCDF	1,2,3,6,7,8-HXCDD	2,3,4,6,7,8-HXCDF	1 2 2 4 7 8 LXCDF	1.2.3.7.8.9-HXCDF	lion	Magnestum	Manganese	Calcium	Ammonat (ats N)	38	vol	Magnestum	Manganese	Potassium	Sodium	Zinc	Calcum	OCDD (Mary)	Total PECDD	Total HPCDD	1,2,3,7,8-PECDD	Total HXCDF	SOUND TO SECOND
PURPOSE	REG	REG	REG	REG	REG	REG	ZEG	REG	SE S	960	2	HEG	REG	PEG	REG	9EG	ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב	2 (	ביי ביי	2 0	2 0	2 0						EG .	n D	REG	REG	EG	E G	E C	500	EG C	REG	REG	PEG	E C	ב ב ב	PEG	REG	PEG	REG	PEG	REG	PEG	E 0	2 6	1 2	E E	REG	REG	-
LOCATION CODE	LF08-MW08A	LF08-MW09B	LF08-MW09B	LF08-MW09B	LF08-MW09B	LF06-MW09B	LF08-MW09B	LF08-MW09B	LF08-MW09B	LF06-MW101	L-08-MW101	LF08-MW101	LF08-MW101	LF08-MW101	LF08-MW101	LF08-IAW101	LF08-MW101	LF08-MW101	CONTRACTOR	LECG-MAN IOL	ENG-MAY 101	EDE-LAW 101	E COLIMATOR	Ene.havior	EOD LAWYOR	FOR LAWYOR	LEGR-LAW 101	LF08-MW101	LF08-44W101	LF08-MW101	LF08-MW101	LF08-IAW 101	LF08-IAW101	LF08-IAW101	100-WW101	LF08-MW101	LF08-MW102	LF08-MW102	LF08-MW102	LF08-MW102	LFUB-IMW 102	LFOR-WW 102	LF08-MW103	LF08-MW103	LF08-MW103	LF08-IAW103	LF08-MW103	LF08-MW 103	LF08-MW103	FOE-LAW 103	LF08-44W103	LF08-MW103	LF08-MW103	LF08-MW103	FOR LAWYOR
SAMPLE DATE	18-004-04	18-04-04	18-04-04	1000	18-04-04	19-00-01	18-04-04	18-Og-Q	18-04-04	200	40.0	400	200	400	4040	9	9 5	9 6 6	400	7 7	7 7	3 5	3 5	3 5	3 3	3 3	Ş	1000	900	4-04-04	4-00-04	4000	900	900	5 5	4 4 4	9-0d-94	6-Oct-04	9-04-04 04-04	7000 0000	\$ 6 6 6 6	7 7	0000	500	9-03-04	4050404	<b>\$</b> 0000	0000	<b>7</b> 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	\$ 500 \$ 000	7000	\$ \$	4000	9-00-04 0-00-04	20.00
^	KH30153	KH30154	KH30154	KH30164	KH30154	KH30154	KH30154	KH30154	KH30154	KH30155	KH30155	KH30156	XH30155	KH30155	KH30156	KH30155	KH30155	KH30155	XH30155	NHSO195	KH30150	2000	2000	20000	20000	2000	00000	KH30166	KH30156	KH30155	KH30156	KH30155	KH30155	KH30156	KH30155	KH30155	KH30158	KH30158	KH30156	KH30158	KH30156	KHS0156	KH30157	KH30157	KH30157	KH30157	KH30157	KH30157	KH30157	KH30157	KH20157	KH30157	KH30157	KH30167	KURDAKY
GROUP	0.0	000	00.00	000	<u>چ</u>	00 00	00.00	و_ م	000 000	5	500	0 0	ج ا	2	00 01	5 5	5	8	000	500	5 8	3 6	3 8	3 8	3 8	3 8	3 8	8 8	9	8	OC_0	2 2	5	5	5 6	5,6	90 91	OU_01	ور ام	2	6,00	5,5	300	500	000	000	00_0	00.0	500	3 5	3 5	8 8	000	0	5

Table C1
WPAFB OU1 Groundwater Analytical Data (Detects Only) - July and October 2004
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GROUP	SAMPLE NO	SAMPLE DATE	LOCATION CODE	SAMPLE PURPOSE	PARAMETER	RESULT QUALIFIER	SEND	PACTOR	DETECT LIMIT	USER TEST GROUP	LAB METHOD	SAMPLE DELIVERY GROUP
10 10	KH30158	20-00-04	LF08-MW10A	REG	ual	2200	Age.	-	8	METALS	E200.7	4,122,187
5	KH30158	20-04-04	LFOB-MW10A	REG	Macnestum	37200	ই	-	2009	METALS	E200.7	4,722187
00.0	KH30158	20-00-04	LF08-MW10A	REG	Sodium	38900	ዿ	-	2000	METALS	E200.7	4,122187
000	KH30158	20-00-02	LF08-MW10A	REG	Arsenic	88	760	-	9	METALS	E200.7	4,22187
00,00	KH30158	20-001-04	LF08-MW10A	REG	Bartum	740	ዿ	-	800	METALS	E200.7	4J22187
00_01	KH30158	20-00-04	LF08-MW10A	REG	Calcium	67100	ዿ	_	200	METALS	E200.7	4,722,187
20	KH30168	20-00	LF08-MW10A	E 1	Ammonia (as N)	2800	ፍ የ	- ,	200	GENERAL CHEM	E360.3	4,2218/
000	KH30158	5 00 00 00 00 00 00 00 00 00 00 00 00 00	LF08-MW10A	E C	TONE PECUF	0.00000043 Q J	<b>5</b> 9	- •	0.000004	SINCE	SWEESO	1 22153
500	KH30158	20-03-0	CFOG-MW10A	2 (	0000	0.0000038 B J	\$ 9	- •	0.000000	SUNCE	00000	2222
5	RCLOCHN	5000	LF08-MW 10A	5 0	I DOM HACUT	0.000000 B J	\$		0.0000000	SUCKIES	34690	1 20180
500	84106140	\$ 50 50 50 50 50 50 50 50 50 50 50 50 50 5	L-OS-MW-10A	ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב ב	2,3,4,7,8+PECUF	0.0000043 U.J.	\$ 9		0.0000036	SOCIAL	Sweepon Cureson	7,22183
5	Service	\$ 5000	L'FUB-MM 1UA		14.3,4,10-TIA	CG 900000	1	-	0.000000	SUNCTAINS	2000	44 140122
5 6	SCIOSING SCI	200	ECO-MAN TOB	5 C	ingia di la	23.00	3 3		3 5	S IVE	F200.7	A4.140122
3 8	8210013	1000	CO 1444 000	2 0		386	\$ 5		ş	S IN LAND	E200.7	A4.114.0122
5 6	801000	1000	GO-1444-001		See and a see	20469	\$ 3		2 5	S TATE	200.7	A4.140122
3 2	0430159	5 5 5	FORTWINE	i d	Calchim	125000	<b>1 2</b>	-	900	METALS	E200.7	A4.140122
5 5	2000	5 5	EDG-NAV-OB	2	1 2-Distinguishane	1. 98.0	\$ 2	-	} -	VOLATILES	SWR260B	A4.140122
5 6	6400158	2000	FORTANIDE	5 6	cts-12-Dictionoethene	-	ş	-	90	VOLATILES	SW8260B	A4J140122
5 5	1000159	2020	FOR AMY 10B	9 E	Acetone	. 8.1 8.1.8	ş	-	2	VOLATILES	SW82808	A4J140122
5 6	KHBO159	12-04-04	LF08-AMV108	EG.	Viryl chloride	, vi	ş	_	: <del>-</del>	VOLATILES	SW8260B	A4J140122
9	10130159	12-04-04	CF08-MW108	REG	1,1-Dichloroethane	12	ş	-	-	VOLATILES	SW82606	A4J140122
000	KH30159	12-04-04	LF08-MW108	REG	900	0.0000026 Q B J	ዿ	-	0.00000087	DAOXINS	SW8290	4.13124
0	KO+30159	12-04-04	LF08-MW10B	REG	Total TCDF	0.0000015 Q J	ğ	-	0.000014	DOXING	SW8290	4J13124
90.00	KH30160	20-001-04	LF08-MW10C	REG	<u> </u>	980	ያ ያ		92	METALS	E200.7	4,22187
90	KH30160	20-00-02	LF08-MW10C	REG	Magnestum	32800	ዿ	-	2000	METALS	E200.7	4,22187
0	KH30160	20-00-04	LF08-NW10C	REG	Mengeness	210	ዿ	-	5	METALS	E200.7	4,22187
9	XX-330160	30-00	LF06-NAW10C	REG	Bodhim	165000	ዿ	-	9008	METALS	E200.7	4,222167
00,00	X0430160	20-0st-04	LF06-MW10C	REG	Chromlum	ន	ዿ	-	2	METALS	E200.7	4,122167
9	KH30160	20-02 00-00 00	LF08-MW10C	E S	Calcium	00008	호 ·	_	2000	METALS	E200.7	4,522187
5	KH30160	50 OC	LF08-MW10C	E (	cis-1,2-Dichloroemene	0.3	<b>5</b> 5	- •	8 9	VOLATILES VOLATILES	SWSZBOB	4,02187
5 6	KH30160	\$ 100 co	Consultation of the second	2 0	Acetone	2 8 6	3 3	- •	2 +	VOLATILES	SWEDROB	4.02187
5 8 8 8	KH30180	5 5 5	FOR JAW 10C	2 0	1.1-Dichlomethane	2.3	\$	-		VOLATILES	SWRZ608	4,722187
200	KH30161	13.05.04	LFOR-ARW11A	REG	ucul	480	Zg.	-	81	METALS	E200.7	A4J150115
5 5	KH30181	900	LF08-MW11A		Mechesium	31100	ğ	_	2009	METALS	E200.7	A4J150115
00.0	KH30161	13-04-04	LF08-MW11A	REG	Manganese	72	ዿ	-	5	METALS	E200.7	A4J150115
00_0	KH30161	13-Oct-04	LF08-MW11A	REG	Potassium	5400	ዿ	-	200	METALS	E200.7	A4J150115
0.00	KH30161	13-Oct-04	LF08-MW11A	REG	Sodium	12200	ዿ <sub>፟</sub>	-	200	METALS	E200.7	A4J50115
00.0	KH30161	13-0g-0g	LF08-MW11A	HEG	Celcium	67100	<u>ş</u>	_	86	METALS	E200.7	A4J150115
0 0 0 0	KH30161	1900 000 000 000 000 000 000 000 000 000	LF06-MW11A	E 6	Ammonie (as N)	<b>3</b> 6	3	- •	8,-	DESTRUCTION OF THE MANAGEMENT	E300.3	4 13339
5 6	KHSOIGI	200	C COC-MW11A	2 6	Aredoor 1242	9	3 8	- •	- 5	VO ATIES	SWRDROB	A4.150115
5 5	KH30161	5	FORMWITA	9 6	Benzene	0.37 J	4		<b>:</b>	VOLATILES	SW8260B	A4J150116
000	KH30161	13000	LF08-MW11A	REG	bis(2-Ethythexyf)phthalate	0.81 JB	ዿ	-	10	SEMIVOLATILES	SW8270C	A4J150115
00,00	KH30161	13-00-04	JF08-MW11A	REG	асоо	0.0000057 B J	ዿ	-	0.0000015	DIOXINS	SW8290	4,113124
00 01	KH30181	13-Oct-04	LF08-MW11A	REG	Total PECDD	0.00000085 Q J	γg	_	0.0000003	DIOXINS	SW8290	4,313124
00_01	KH30162	13-00-04	LF08-MW11B	REG	<u>\$</u>	2000	ځ.	-	8 5	METALS	E200.7	A4.150115
5	KH30162	13000	F06-MW11B	AEG	Wagneskum	20806	\$ <u>`</u>	- ,	96.	S C L	500.7	A4156115
500	KH30162	13000	LF08-MW11B	E C	Manganese	90	<u> </u>	- •	<u>c</u>	S S S S S S S S S S S S S S S S S S S	E200./	A4.150135
500	XH30162	5 5	LF08-WW 115	5 C	E CONTRACTOR DE	0061	5		8	NETAL S	E200.7	A4.1150115
5 5	KH30182	9000	(FOR-MW118		Calchim	146000	, ş	-	2009	METALS	E200.7	A4J150115
000	KH30162	13-04-04	LF08-MW11B	AEG	Ammonia (as N)	900	Ž	-	500	GENERAL CHEM	E350.3	A4J150115
00.00	KH30162	13-Oct-04	LF08-MW11B	REG	Acetone	0.77 JB	Ž	-	5	VOLATILES	SW8260B	A4J150115
00_01	KH30182	13-0ct-04	LF08-MW11B	REG	bis(2-Ethyfhexyl)phthalate	1.1 JB	Ž.	-	9	SEMINOLATILES	SW8270C	A4J150115
S 5	KH30162	19-04-04	LF06-MW11B	REG	800	0.0000037 Q B J	동 1		0.0000013	SNIXOR	SW8280	4,13124
5	NH30162	3-00-0	LTUG-MWW I IB	ב ב	1000	0.000000	3		*100000	CICCINS	2010	

Table C1
WPAFB OU1 Groundwater Analytical Data (Detects Only) - July and October 2004
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GROUP	SAMPLE NO	SAMPLE DATE	LOCATION CODE	SAMPLE PURPOSE	PARAMETER	RESULT QUALIFIER	SE SE	DILUTION	DETECT LIMIT	USER TEST AROUP	LAB METHOD	SAMPLE DELIVERY GROUP
000	KH30163	13-04-04	LF08-MW11C	REG	Magnesium	47600	Ą	-	2009	METALS	E200.7	A4J150115
2	KH30163	13-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct	LF08-MW11C	AEG	Manganese	8	ዿ	-	5	METALS	E200.7	A4J150115
00,00	KH30163	13-04-04	LF08-MW11C	REG	Sodium	66400	Ϋ́	-	2000	METALS	E200.7	A4J150115
9	KH30163	13-04-04	LF08-MW11C	REG	Calctum	130000	ķ	-	2000	METALS	E200.7	A4J150115
2	KH30163	13-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct	LF08-MW11C	REG	Acetone	1.1 JB	ዿ	-	5	VOLATILES	SWB260B	A4J150115
<u>8</u>	KH30163	13-Oct-O4	LF08-MW11C	REG	bis(2-Ethythexyf)phthalate	8. e. f	ል የ	-	ē	SEMIVOLATILES	SW8270C	A4J160115
<u>ال</u>	KH30163	13-Oct-04-04	LF08-MW11C	REG	8000	0.0000037 B J	Ą	-	0.0000008	DOXING	SW8280	4,13124
8 9	RH30163	13000	LF08-MW11C	RG	1,2,3,4,6,7,8-HPCDD	0.0000015 B J	ዿ	-	0.00000082	DIOXINS	SW8290	4013124
0 10 10	KH30163	13-04-04	LF08-MW11C	REG	Total HPCDD	0.0000026 J B	ğ	-	0.00000082	DIOXING	SW8290	4713124
90,01	KH30163	13-001-04	LF08-MW11C	REG	OCDF	0.0000012 Q B J	γon	-	0.00001	DYXINS	SW8290	4J13124
00_01	KH30164	13-00:04	LF10-MW03A	REG	Auminum	4700	1/g/	-	800	METALS	£200.7	A4J150115
2	KH30164	13-04-04	LF10-MW03A	REG	Ē	6700	Ą	-	\$	METALS	E200.7	A4J150115
20,20	KH30164	13-00-04	LF10-MW03A	REG	Magnestum	39600	ğ	-	2000	METALS	E200.7	A4,150115
20,00	KH30164	13-Oct-04-04-04-04-04-04-04-04-04-04-04-04-04-	LF10-MW03A	REG	Manganese	82	ዿ	-	Ď	METALS	E200.7	AAJ150115
20 10	KH30164		LF10-MW03A	REG	Potasstum	12100	ል	-	8	METALS	E200.7	A4J150115
9 2	KH30164	13-04 14-04 14-04	LF10-MW03A	REG	Sodium	34000	ዿ	-	900	METALS	E200.7	A4J150115
00 10	KH30164	13 04 04 04 04 04	LF10-MW03A	REG	Chrombin	81	ዿ	-	₽ ;	METALS	E200.7	AAJ150115
<u>8</u>	1910CH24	13-04-04 14-04-04	LF10-MW03A	REG	Calclum	84800	ዿ	-	2000	METALS	E200.7	A4J150115
2	KH30164	13-04-04	LF10-MW03A	REG	Total Xylenes	0.49 J	ዿ	-	-	VOLATILES	SW82608	A4J150115
00 10_	KH30164	1300-04	LF10-MW03A	REG	Acetone	1.4.18	ዿ	-	₽.	VOLATILES	SW82608	A4J150116
00_01	XH30164	13-04-04	LF10-MW03A	REG	Benzene	0.37 J	젛	-	-	VOLATILES	SWEZEOB	A40150115
8. 9.	KH30166	4 4 4 4	LF10-MW06B	e	5	230	호 ·	_	8	METALS	E200.7	AAJOBOGGO
2	KH30165	4 4 4 4	LF10-WW06B	6	Magnesium	32200	호 ·	_	2000	METALS	E200.7	AAJOBUSSB
<u>8</u>	XH30166	4 8 8	LF10-MW06B	2	Potentia	2,100	Ž,	- '	8 9		E200.7	AAJOBUSSB
9 2	KH30166	4 8 8	LF10-MW06B	2	Sodium	36200	호.	_	808	2 1	200	AAJOBUSSO
9 2	KH30166	4 9 9	LF10-MW05B	2	Bartum	200	ğ,	- ,	8	S IV	2007	AAJOBUSSB
2	KH30166	9	LF10-MWOSB	2 1	Calchim	75600	\$		8	DENEBAL CLER	E200.7	ALUGUSS9
5	0430168	400	LF10-WW06B	2 (	Armonia (as N)	88	\$	- •	3 5	SEMERAL CARM	E-DOU-S	A.C. ENGINEERS
5	10430166	9	C-TO-MW058	2 (	Acetone	C Taxon	\$	- •	2		SWEETER	70000
5 6	8430186	5 5	September 5	2 8	Total BECNE	0.000000	\$ 5	- •	0.00000	SINCOC	COCHMIS	7669017
3 2	38105173	5 6	FIGHWORE	2 6		0 000000 B J	Ş		0.000014	DIOXINS	SW6280	4706324
5 5	KH30166	40.00	LF10-MW058	2	Total HXCDD	0.0000091	궣	-	0.000013	DIOXINS	SW8290	4,06324
8	KH30165	9	LF10-MW05B	6		0.0000036 B J	ዿ	-	0.00000096	SNIXOID	SW8290	4,106324
000	KH30165	4000	LF10-MW06B	6	Total PECDO	0.0000033 J B	Ž	-	0.0000012	DIOXINS	SW8290	4,06324
00_0	KH30166	40904	LF10-MW058	6	Total HPCDD	0.0000071 J B	ል	-	0.00000096	DIOXINS	SW8290	4,06324
OU_01	KH30165	4090	LF10-MW05B	e	Total HPCDF	0.0000055 B J	Υğ	-	0.0000011	DIOXING	SW8290	4,06324
9 10	KH30166	4 4 4 4 4	LF10-MW06B	6	9000	0.0000066 Q B J	Ž,	-	0.0000014	SNIXOIG	SW8290	4,06324
و 2	KH30166	40404	LF10-MW05B	2	1,2,3,4,7,8-HXCDD	0.0000031 Q B J	호,		0.0000013	DICKINS	SW8290	4,06324
00 00	KH30166	4 6 6 7	LF10-MW068	<b>e</b> (	1,2,3,7,8-PECDD	0.0000017 B J	Ž,	_ ,	2100000	SIXON	SWEEDO	4,000324
გ გ	KH30166	4	LF10-MW05B	2	1,2,3,4,7,8,9-HPCDF	0.0000023 B J	₹,		2100000	DOXING	SWEESO	4708324
8 5	KH30166	200	LF10-MW05B	£ 1	Total HXCDF	0.0000099 J Q B	Ž.	- ,	0.0000082	DIOXINS	SWECK	4308324
8	KH30165	40.00	LF10-MW05B	2 (	2,3,4,7,8-PECOF	0.0000013 C.B.J.	\$		0.000000	SIXOIO	OMOZONO OMOZONO	4.00024
8	KH30166	400	LF10-MW06B	2 (	1,2,3,7,8-PECDF	0.0000021 G B J	4	- •	0.0000	SUSSING	SW8280	4 104224
0	KH30166	400	LF10-MW05B	2 (	1,2,3,6,7,8-HXCDF	0.00000Z1 B J	3	- •	0.00000	SINO	240500	4.100.24
<u>8</u>	KH30165	4 9 9	LF10-MW05B	2	1,2,3,6,7,8-HXCDD	0.0000022 Q B J	ş,		0.0000014	SIXO	SW8Z9U	4708924
9	KH30165	9	LF10-MW06B	2 1		0.0000014 B J	\$	- ,	0.0000009	SUXOR	SW8Z80	4,06324
8	KH30166	400	LF10-MW06B	2 (	1,2,3,4,6,7,8-HPCDF	0.0000033 B J	3	- •	0.0000094	SUCCES	SWEED	4,106324
8 8	KH30165	\$ 6 6 7 8 8 8	LF10-MW05B	6	1,2,3,4,7,8-HXCDF	0.0000021 Q B J	\$ 5		0.00000/2	SNIXO	SWRZBO	4.06324
3	SINGE	T T T T T T T T T T T T T T T T T T T	L. ichwwood		1000mp(0,1,6,2,1	225 1300000						

Table C1
WPAFB OU1 Groundwater Analytical Data (Detects Only) - July and October 2004
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SAMPLE			1			TOTO LOCAL GRANT		OLIVER VERNE SALE SALES
_	PARAMETER	RESULT QUALIFIER	Ë	FACTOR	DETECT LIMIT	USER TEST GROUP	LAB METHOD	SAMPLE DELIVERY GROUP
٦	ş	210	ğ	-	8	METALS	E200.7	A4.1080336
Magnes	nesium	31400	ዿ	-	2000	METALS	E200.7	A4J060336
Potassium	_	7700	Ą	-	2000	METALS	E200.7	A4J060336
Sodica		34900	\$		986	MEIALS	E200.7	A4 IOPTOR
Calcium		73800	\$ \$		9009	METALS	E200.7	A4J080338
Ammonda (as N)	2	96	ğ	-	500	GENERAL CHEM	E360.3	A4,1080338
Acetone	-	0.76.7	Ž,	- +	2 5	SEMINOLATII FC	SW8260B	AA IORUSSB AA IORUSSB
1 2 3 7 8 9-HXCDD		0.0000024 8 J	\$ \$		0.0000097	DIOXINS	SW8290	4,06324
Total PEC	ř	0.000003 Q J B	ዿ	-	0.00000085	SNIXOIG	SW8290	4,106324
900 000		0.0000099 B J	ģ	-	0.0000021	DIOXINS	SW8290	4,06324
Total HXCDD	QQ	0.0000073 8 J Q	Ž,		0.000001	SNIXOIG	SW8290	4,06324
1,2,3,4,6,7,8-HPCDD	 60 ;	0.0000023 Q B J	\$ 5	- •	0.0000011	SOXUNS	SW8280	4,06324
Total HPCOF	- E	0.0000000	\$ 5		0.0000098	DOXING	SW8290	4.106224
	_	. B 600000	\$ 5		0.0000024	SNIXOID	SW8280	4,08324
123478-HXCDD	- 6	0.000002 B.J	5	-	0.00000099	DIOXINS	SW8290	4,06324
1234789-HPCDF	ğ	0.0000028 Q B J	텋	-	0.0000011	DIOXINS	SW8290	4,106324
Total HXCD		0.0000016 B J	셯	-	0.00000083	DIOXINS	SW8290	4,106324
1,2,3,7,8-PECDF	<u> </u>	0.0000014 Q B J	ፉ	-	0.00001	DIOXINS	SW8290	4,106324
1,2,3,6,7,8-HXCDD	8	0.0000023 Q B J	궣	-	0.0000011	DOXINS	SW8290	4,06324
1,2,3,4,6,7,8-HPCDF	ጵ፡	0.0000014 B J	ዿ		0.00000082	DOXONS	SW8290	4,06324
12,34 7,5-HXCDF	ŧ	C S S COCOCO	3		0.0000/2	SANCE	SANGE S	47.0004.40
<b>1</b>		1300	\$ 5	- •	3 5	METALS.	E200.7	A4.090149
		0000	\$ 5		3 4	METALS	E200.7	A4.000149
		3 6	5		2009	METALS	E200.7	A4.080149
Celchan		182000	ş	-	2009	METALS	E200.7	A4J080149
s(2-Ethyfhexyl)p	_	3.3	ዿ	-	01	SEMIVOLATILES	SW8270C	A4J080149
Total PECDF		0.00000000 Q J	ፉ	-	0.0000011	DIOXINS	SW8290	4706324
8		0.0000078 Q B J	ፉ :		0.00002	SNIXOIG	SW8290	4,06324
100 H		COORDER B C J	100.	†	0.000018	METALS	5 M 0 2 M	A4.1130130
Potassium		11400	<b>4</b> 4		2009	METALS	E200.7	A4J130130
Sodium	_	040	Š	-	2000	METALS	E200.7	A4J130130
Celctum	: E	82900	ዿ	_	2000	METALS	E200.7	A4J130130
Ammonia (as N)	2	8 6	\$ 5		8 5	VOI ATILES	SWRORDB	A4J130130
s(2-Ethylhex	Contralate	1.5.1	3	_	5	SEMIVOLATILES	SW8270C	A4J130130
Total PECDF	_	0.0000013 Q J	υσΛ	-	0.0000028	DIOXINS	SW8290	4,13124
Total Xyle		0.98 J.B	\$		- \$	VOLATILES	SW82608	A4.140122
ACRON		3.5 3.6	100		2 5	METALS	E2007	A4.130130
Mannet	_	20.50	2		2009	METALS	E200.7	A4J130130
Manganese		88	3	-	15	METALS	E200.7	A4J130130
Sodium	-	9008	ዿ	-	2000	METALS	E200.7	A4J130130
Arsenic		80	ል	-	2	METALS	E200.7	A4J130130
Calchum	_	101000	ዿ	-	2000	METALS	E200.7	A4J130130
bis(2-Ethythexyl)phithalate	phthalate	1.5 J	Ą,	_	0	SEMIVOLATILES	SW8270C	A4J130130
800	1	0.000002 Q B J	1/04	-	0.000012	DICKINS	SWBCMO	4313124
<u></u>		4200	호.	- ,	2 2	METALS	E200.7	A4.130130
Magnest	E	2/800	5	- ,	9	MEIALS	E200./	A4 130130
Manganese		F 2	\$ 3	-•	e 6	METALS	E200.7	A41130130
1000	 E 1	960	<b>1</b>		88	METALS	£200.7	A4.130130
	E 1	nos constant	\$ 1	- ,	88	METALS.	E200.7	A4.130130
Celcum	E :	00000	\$ 5	- •	8 =	VO ATIES	SWR2#0B	A4.130130
Acerone Acerone	S Contraction	2 58.0	4	-	2 5	SEMIVOLATILES	SW8270C	A4J130130
os(z-eurymexyr)promatero OCDD	A)PITIU MANAGO	0.0000013 O B J	, 5		0.0000075	DIOXINS	SW8290	4013124
		0.0000017 BJ	\$ \$		0.000013	SNIXOIG	SW8290	4,113124
TOTAL H	<b>5</b>	0.0000000000	ዿ	-	0.00000038	DIOXINS	SW8290	4,113124
1,2,3,4,7,8-HXCDF	_	0.00000039 Q J	3	_	O CHEMINISTER /	DICAINS	SW8280	4212124

Table C1
WPAFB OU1 Groundwater Analytical Data (Detects Only) - July and October 2004
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CHORD   CHOR													
650777   11-0046   U. F.LAMOVAT   REG   Subame   STOTO   U. U. I.   STOTO   U. I.   STOTO   U. U. I.   STOTO   U. U. I.   STOTO   U. U. I.   STOTO   U. U. I.   STOTO   U. U. I.   STOTO   U. U. I.   STOTO   U. U. I.   STOTO   U. U. I.   STOTO   U. U. I.   STOTO   U. U. I.   STOTO   U. U. I.   STOTO   U. U. I.   STOTO   U. I.   STOTO	GROUP	SAMPLE NO	SAMPLE DATE		SAMPLE PURPOSE		RESULT QUALIFIER	STW1	PACTOR	DETECTLIMIT	USER TEST GROUP	LAB METHOD	SAMPLE DELIVERY GROUP
CHANNELS   11-00-04   U. F.CHANNOTA   FEED   Management   STOTO   U. V. C. C. C. C. C. C. C. C. C. C. C. C. C.	5	KH30172	11-04-04	LF10-MW07A	REG	ua <sub>1</sub>	4100	705	-	100 001	METALS	E200.7	A4J130130
CHORDER   CHOCACA   FIGURAMOTA   REG   Supplement   State   Supplement   State   Supplement	9	KH30172	9	LF10-MW07A	REG	Magnestum	55700	ş	-	2000	METALS	E200.7	A4J130130
0.050772   11.00440   F.10040070   REG   Baham   Soom   Soom   Soom   RETALS   Soom	90	KH30172	1000	LF10-MW07A	REG	Manganese		셯	-	5	METALS	E200.7	A4J130130
CHESTATE   11-CSCCCO   FETCHWANCY   REG	500	KH30172	1000	LF10-MW07A	REG	Sodium	15900	ž	-	2000	METALS	E200.7	A4J130130
Mail	00_01	KH30172	11-00-01	LF10-MW07A	REG	Berlum	956	ል	-	800	METALS	E200.7	A4J130130
Control   Cont	00 01	KH30172	11-04-01	LF10-MW07A	REG	Calclum	103000	γ	-	2006	METALS	E200.7	A4J130130
100-0401   110-04-04   150-04-MOVIC   REG	00 01	KH30174	1-04-04	LF10-MW07C	REG	Megnesium	79100	ል	-	2000	METALS	E200.7	A4J130130
VARIENTA   11-00-40   LT-00-40	00_01	KH30174	1-04-04	LF10-MW07C	REG	Manganese	420	궣	-	ŧ	METALS	E200.7	A4J130130
Control   Cont	9	KH30174	1000	LF10-MW07C	REG	Potassium	9100	Ž	-	2000	METALS	E200.7	A4J130130
CHRONICY   11-04-Cot     File   Cubatum   14000   UPL   1   200   UBFURLO-ENER   CHRONIC   11-04-Cot   File   Cubatum   14000   UPL   1   1   1   1   1   1   1   1   1	200	KH30174	1000	LF10-MW07C	REG	Sodium	106000	ዿ	-	9009	METALS	E200.7	A4J130130
Octobrook	9	KH30174	1-04-04	LF10-MW07C	REG	Calcium	140000	Ž	-	2000	METALS	E200.7	A4J130130
Control   Cont	00,00	KH30174	1-04-04	LF10-MW07C	REG	Ammonia (as N)	1900	200	-	500	GENERAL CHEM	E350.3	A4J130130
Octobrol   11-0-0-0-4   File   Margamen   58100   Upl.   1   1   1   1   1   1   1   1   1	90	KH30174	1080	LF10-MW07C	REG	Toluene	0.21 J	ፉ	-	-	VOLATILES	SW8260B	A4J130130
19-06-0   15-	90	KH30174	11-04-04	LF10-MW07C	REG	Acetone	1.0	νδη	1	0	VOLATILES	SW8260B	A4J130130
Harrier   Har	10_0	KH30175	13-04-04	LF10-MW08A-2	REG	non	6200	νον γ	-	8	METALS	E200.7	A4J150115
Head	9 19	KH30175	13-04-04	LF10-MW08A-2	REG	Magnestum	59100	ፉ	-	2000	METALS	E200.7	AAJ150115
Heigen   Heigen	20.00	KH30175	13080	LF10-MW08A-2	REG	Manganese	991	ዿ	-	₽	METALS	E200.7	A4J150115
REGOTTS         13.0-cst-of         UFICHAMOBA-2         REG         Total cyminds         24,000         up/L         1         5000         MRFALS           REGOTTS         13.0-cst-of         UFICHAMOBA-2         REG         Total cyminds         1 JB         up/L         1         10         VOLATHES           REGOTTS         13.0-cst-of         UFICHAMOBA-2         REG         Total HCDF         0.0000004         1         10         VOLATHES           REGOTTS         13.0-cst-of         UFICHAMOBA-2         REG         Total HCDF         0.0000004         1         10         VOLATHES           REGOTTS         13.0-cst-of         UFICHAMOBA-2         REG         Total HCDF         0.0000004         0.0         1         0.0000009         DOLONIS           REGOTTS         13.0-cst-of         UFICHAMOBA-2         REG         Total HCDF         0.00000004         0.0         0.0         0.0000009         DOLONIS           REGOTTS         13.0-cst-of         UFICHAMOBA-2         REG         1.2.3.6.7.2.4.HCDF         0.00000004         0.0         0.0         NETALS           REGOTTS         15.0-cst-of         UFICHAMOBA-2         REG         1.2.3.6.7.2.4.HCDF         0.00000004         0.0         0.0	00 O	KH30175	13-04-04	LF10-MW08A-2	REG	Sodium	54100	ዿ	-	2000	METALS	E200.7	A4J150115
ΚΗΘΟΤΤΟ 11-00-04-00   LFO-MAWORA 2         REG         Total Channel         12 Decoded         LFO-MAWORA 2         REG         Total Channel         13 Decoded         15 Decoded         LFO-MAWORA 2         REG         Total Channel         12 JB         up/L         1 D         COLOMOSO         DOCKINS           RCR0175         15-00-04         LFO-MAWORA 2         REG         TODA HYCZPF         0.0000001         0.91         1 D         0.00000091         DOCKINS           RCR0175         15-00-04         LFO-MAWORA 2         REG         TODA HYCZPF         0.0000001         0.91         1 D         0.00000091         DOCKINS           RCR01775         15-00-04         LFO-MAWORA 2         REG         TODA HYCZPF         0.0000001         0.91         1 D         0.00000091         DOCKINS           RCR01775         15-00-04         LFO-MAWORA 2         REG         1-23.47,5-HPCZPF         0.000000091         0.91         1 D         0.00000091         DOCKINS           RCR01776         15-00-04         LFO-MAWORA 2         REG         1-23.47,5-HPCZPF         0.00000091         0.91         1 D         0.0000091         DOCKINS         DOCKINS         DOCKINS         DOCKINS         DOCKINS         REFALLS         DOCKINS         DOCKINS <t< td=""><td>00,00</td><td>KH30175</td><td>13-04-04</td><td>LF10-MW08A-2</td><td>REG</td><td>Calctum</td><td>224000</td><td>ž</td><td>-</td><td>2009</td><td>METALS</td><td>E200.7</td><td>A4J150115</td></t<>	00,00	KH30175	13-04-04	LF10-MW08A-2	REG	Calctum	224000	ž	-	2009	METALS	E200.7	A4J150115
House	2	KH30175	13-04-04	LF10-MW08A-2	REG	Total Cyanide	42	ş	-	9	GENERAL CHEM	E336.2	A4J150115
CHORTITE         COCCOD         LICHAMMORA-2         REG         DeliZer/Physolyphythates         10         00         10         SEMINOLATILES           CHORTITE         13-Occool         LFICHAMMORA-2         REG         COCDO         0.0000009         10         1         0.0000009         DOININS           CHORTITE         15-Occool         LFICHAMMORA-2         REG         COCD         0.0000009         1         0.0000009         DOININS         DOININS           CHORTITE         15-Occool         LFICHAMMORA-2         REG         1.23.87 / 8-HCOF         0.00000000         0.00         DOININS         DOININS           CHOSTITE         15-Occool         LFICHAMMORA-2         REG         1.23.87 / 8-HCOF         0.0000000         0.00         DOININS         DOININS           CHOSTITE         15-Occool         LFICHAMORA-2         REG         1.23.87 / 8-HCOF         0.0000000         0.00         DOININS         DOININS           CHOSTITE         15-Occool         LFICHAMORA-2         REG         1.23.87 / 8-HCOF         0.0000000         0.00         DOININS         DOININS           CHOSTITE         15-Occool         LFICHAMORA-2         REG         1.23.87 / 8-HCOF         0.0000000         0.00         DOININS	8	KH30175	13000	LF10-MW08A-2	REG	Acetone	1.08	젛	-	2	VOLATILES	SW6260B	A4J150115
CODE         CODE         CODE         CODE         CODE         DIVINIS           FRSD178         13-Oct-OL         LEIO-MW08A-2         REG         TODE         0.0000008 B         1         0.0000009B         DIDONINS           FRSD178         13-Oct-OL         LEIO-MW08A-2         REG         T-CABLOTTE         0.00000001 G B J         ug/L         1         0.00000009         DIDONINS           FRSD178         13-Oct-OL         LEIO-MW08A-2         REG         1-2.3.6.7.8-HPCDF         0.00000001 G B J         ug/L         1         0.00000009         DIDONINS           FRSD178         13-Oct-OL         LFIO-MW08A-2         REG         1-2.3.6.7.8-HPCDF         0.00000001 G B J         ug/L         1         0.00000009         DIDONINS           FRSD178         13-Oct-OL         LFIO-LAW08B-2         REG         1-2.3.6.7.8-HPCDF         0.000000009         DIDONINS         DIDONINS           FRSD178         13-Oct-OL         LFIO-LAW08B-2         REG         1-2.3.6.7.8-HPCDF         0.00000000000000000000000000000000000	8	KH20176	13000	LF10-MW08A-2	REG	bis(2-Ethyfhexyl)phthalate	12.18	섷	-	2	SEMIVOLATILES	SW8270C	A4J150115
Presist	0	XX-30175	13.04.04	LF10-MW08A-2	REG	ocoo	0.000004 B J	ğ	-	0.0000091	DIOXINS	SW8290	4313124
Principle   Prin	200	KH30176	13-04-04	LF10-MW08A-2	REG	TOTAL HPCDF	0.00000001 Q B J	ş	-	0.00000009	DIOXINS	SW6280	4013124
CH301775         13-Oct-On         LF10-MW004A-2         REG         12-34,7-β-HCCDF         0.00000014         0.91         1         0.00000057         DDXXINS           CH301775         13-Oct-On         LF10-MW004A-2         REG         12-34,7-β-HCCDF         0.000000051         0.91         1         0.00000051         DDXXINS           CH301775         13-Oct-On         LF10-MW008         REG         12-34,7-β-HCCDF         0.00000061         0.91         1         0.00000061         DDXXINS           CH301775         13-Oct-On         LF10-MW008         REG         Indoor         0.00000061         0.91         1         0.00000061         DDXXINS           CH301775         13-Oct-On         LF10-MW008         REG         Indoor         0.91         1         0.00         Indoor         0.00         Indoor	900	KH30175	13-04-04	LF10-MW08A-2	REG	<b>300</b>	0.000002 Q B J	Ą	-	0.00000097	DHOXINS	SW8290	4713124
Property   Processor   Processory   Processor   Processory   Processor   Processory   Processor   Processo	80	KH30175	13-00-04	LF10-MW08A-2	REG	TOTAL HXCDF	0.0000014 Q B J	ዿ	-	0.0000067	DIOXINS	SW6290	4213124
Inceptive   Ince	9	KH30176	13-04-04	LF10-MW08A-2	REG	1,2,3,6,7,8+tXCDF	0.000000074 Q J	ዿ	-	0.00000061	DAOXINS	SW8290	4013124
NEGOTTS   15-Oct-Old	20.00	KH20175	13-04-04	LF10-MW08A-2	REG	1,2,3,4,6,7,8-HPCDF	0.000000000	ዿ	-	0.00000065	DOXINS	SW6290	4,13124
KH30178         18-Oct-od         LF10-MW08B         REG         Abumhum         210         ug/L         1         200         METALS           KH30178         18-Oct-od         LF10-MW08B         REG         Magneseum         74700         ug/L         1         000         METALS           KH30178         18-Oct-od         LF10-MW08B         REG         Magneseum         74700         ug/L         1         000         METALS           KH30178         18-Oct-od         LF10-MW08B         REG         Bantum         610         ug/L         1         500         METALS           KH30178         18-Oct-od         LF10-MW08B         REG         Armonia (an N)         550         ug/L         1         000         METALS           KH30178         18-Oct-od         LF10-MW08B         REG         Armonia (an N)         550         ug/L         1         00         VOLATILES           KH30178         18-Oct-od         LF10-MW08B         REG         Armonia (an N)         2.7 J         ug/L         1         0         VOLATILES           KH30178         18-Oct-od         LF10-MW08B         REG         Armonia (an N)         0.04 J         ug/L         1         0         0	00,01	KOH30175	13-00-04	LF10-MW06A-2	REG	1,2,3,4,7,8+tXCDF	0.000000088 Q B J	ğ	-	0.0000061	DHOXING	SWRZBO	4137
Net	10_00	KH30178	18-04-04	LF10-MW08B	REG	Alumenum	210	<b>1</b>	_	88	METALS	E200.7	A4.200117
NH   NH   NH   NH   NH   NH   NH   NH	90 <u>-9</u>	KH30176	18-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct	LF10-MW08B	REG	ē	1000	ዿ	-	8	METALS	E200.7	A4.200117
NH   NH   NH   NH   NH   NH   NH   NH	0 10 10	KH30178	18-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct	LF10-MW08B	REG	Megneetum	74700	ş	-	9009	METALS	E200.7	A4J200117
KH30178   18-Oct-O4   LF10-MW08B   REG   Bartum   335000   ug/L   1 5000   METALS	و_ م_	KH30178	18-Og-Og-Og-Og-Og-Og-Og-Og-Og-Og-Og-Og-Og-	LF10-MW08B	REG	Manganese	420	ል	-	÷	METALS	E200.7	A4J20011/
NG-90178   18-Oct-04   LF10-MW08B   REG   Calcium   15000   ug/L   1   5000   METALS	00 01 01	KH30176	18000	LF10-MW08B	AEG	Sodium	338000	٩	-	0005	METALS	E200.7	A4J200117
New York   18-Oct-On   LF10-MW088   REG   Armmonia (as N)   5000   ug/L   1   5000   METALS	2 2	KH30176	18000	LF10-MW08B	AEG	Bartun	010	<u>چ</u>	-	807	METALS	200	A4J200117
KH30178   18-Oct-Out   LF10-MW08B   REG   Ammonia (as N)   S50   ug/L   1   200   uchreful Chem   LF10-MW08B   REG   2-Butanone   0.44 J   ug/L   1   1   0   VOLATILES   Ug/L   1   1   0   VOLATILES   Ug/L   1   1   0   VOLATILES   Ug/L   1   0   Ug/L   1   0   VOLATILES   Ug/L   Ug/L   Ug/L   Ug/L   Ug/L   Ug/L   Ug/L   Ug/L   Ug/L   Ug/L   Ug/L   Ug/L   Ug/L   Ug/L	2	KH30178	180	LF10-MW08B	<b>2</b>	Celcium	154000	호 ·		86	METALS	200.7	A4.200117
KH30176   18-Oct-04   U-11-04WV086   REG   2-Butanore   0.00000057 QJ   UgV   1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	500	KH30176	9	LF10-WW08B	2 (	Ammonte (as N)	006	\$	- •	3 5	GENERAL CHEM	CW9267B	A4 1200117
KH30176   18-Oct-old   CFT0-MW088   REG	5,3	6/1961/2 0/1961/2	5 6	110-WW08B	5 0	Acetare	2 77 6	<b>3</b> 5	- •	2 \$	VOI ATILES	SWR240B	A4.1200117
KH30176   19-Oct-Out   LF10-MW086   REG	5 3	KH301/6	500	C-10-MAY GBB	2 6	BLOUDOG-7	C this	5	- •	***************************************	SHIXOIC	00000763	4113134
KH30177   11-Oct-Odd   LF10-MW080	500	KH30176	2000	LF10-MW08B	2 6	Ser PECOF	CD /9000000	5	- •	0.000000	SINCE	CWROO	4113124
KH30177   11-Oct-Odd   LF10-MWV08A   REG   Magnesium   38300   ug/L   1   5000   METALS   M	36	CH301/0	5 5	F10-MW09A	200		1000	T/on	-	100	METALS	E200.7	A4J130130
KH30177   11-Oct-od   LF10-MW09A   REG   Sodium   77   Ug/L   1   5000   METALS   RF3017   11-Oct-od   LF10-MW09A   REG   Sodium   7100   Ug/L   1   5000   METALS   RF3017   11-Oct-od   LF10-MW09A   REG   Barlum   390   Ug/L   1   5000   METALS   RF3017   11-Oct-od   LF10-MW09A   REG   Caddum   98100   Ug/L   1   5000   METALS   RF3017   11-Oct-od   LF10-MW09A   REG   OCDD   OCDD   Ug/L   1   0.00000083   DIDXINS   DIDXI	3 2	CH30177	\$ 5	FIGHWOOD	e d	Mannethim	38300	Ϋ́	-	2000	METALS	E200.7	A4J130130
KH30177   11-Oct-O4   LF10-MW09A   REG   Sodium   7100   ug/L   1   5000   METALS   REG   Red	5 6	KH30177	1000	LF10-MW09A	BEG.	Mandanese	1	Ą	-	5	METALS	E200.7	AAJ130130
KH30177         11-Oct-Out         LF10-MW09A         REG         Barlum         390         ug/L         1         200         METALS           KH30177         11-Oct-Out         LF10-MW09A         REG         Calcium         98100         ug/L         1         5000         METALS           KH30177         11-Oct-Out         LF10-MW09A         REG         bbit/2-Eftyfrexylptrituals         0.0000024 0 B J         ug/L         1         0.00000093         DIDXINIS           KH30177         11-Oct-Out         LF10-MW09A         REG         OCDD         0.0000024 0 B J         ug/L         1         0.00000093         DIDXINIS	2	KH30177	1000	LF10-MW09A	BEG	Sodium	7100	ž	-	2000	METALS	E200.7	A4J130130
KH30177   11-Oct-O4   LF10-MW09A   REG   Calcium   98100   ug/L   1   5000   METALS   KH30177   11-Oct-O4   LF10-MW09A   REG   DCDD   0.0000024 Q.B.J   ug/L   1   0.00000032   DIDXINS	000	KH30177	1000	LF10-MW09A	REG	Bartum	380	섷	-	500	METALS	£200.7	A4J130130
KH30177         11-Oct-Out         LF10-MW09A         REG         bie(2-Ehyflinklate         0.82 J         ug/L         1         10         SEMIVOLATILES           KH30177         11-Oct-Out         LF10-MW09A         REG         OCDD         0.0000024 Q B J         ug/L         1         0.0000012         DIOXINS           KH30177         11-Oct-Out         LF10-MW09A         REG         OCDF         0.0000024 Q B J         ug/L         1         0.0000012         DIOXINS	000	KH30177	1000	LF10-MW09A	REG	Calcium	98100	ş	-	2000	METALS	E200.7	A4J130130
KH30177 11-0ct-04 LF10-MW09A REG OCDD 0.0000042 Q.B.J ug/L 1 0.0000012 DIOXINS (KH30177 11-0ct-04 LF10-MW09A REG OCDF 0.0000024 Q.B.J ug/L 1 0.0000012 DIOXINS	00.00	KH30177	11-04-04	LF10-MW09A	REG	bis(2-Ethyfhexyf)phthalate	0.92 J	ž	-	₽	SEMIVOLATILES	SW8270C	A4J130130
KH30177 11-0d-04 LF10-MW08A REG OCDF 0.0000024 Q B J ug/L 1 0.0000012 DIOXINS	20,00	KH30177	1-00-04	LF10-MW09A	REG	0000	0.0000042 Q B J	ፉ	-	0.00000083	DIOXINS	SW8290	4,013124
	200	KH30177	1-04-04	LF10-MW09A	REG	OCDF	0.0000024 Q B J	ηδη.	1	0.0000012	DIOXINS	SW8290	4,113124

Table C1
WPAFB OU1 Groundwater Analytical Data (Detects Only) - July and October 2004
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SAMPLE DELIVERY GROUP	A4J130130	A4J130130	A4J130130	A4J130130	A4J130130	A43130130	A4.130130	A4.130130	44.1130130	A4.130130	A4J130130	A4J130130	A4J130130	A4J130130	4,13124	4.13124	4,13124	4,13124	4,13124	4,13124	4.13124	4213124	A4.130130	A4.1130130	A4.130130	A4J130130	A4J130130	A4J130130	A4J130130	A4J130130	A4J130130	44 100000	AAJ080229	A4J090229	A4J080229	A4J080229	A4.1080229	A4.100029	A4.080229	A4J090229	A4J090229	A4J090228	4.09228	4,109228	4,109228	4,109228	4,109228	4,008228	A4 Ingn220	A4.080229	A4J080229	A4.1080228	A4.1090229 A4.1090229	A4.1080149	A4J080149	A4J080149
гав метнор	E200.7	E200.7	E200.7	E200.7	E200.7	1000	F365.7	SW82608	SWROROB	SWR2608	SW82608	SW8280B	SW8260B	SW8270C	SW8290	SW8280	SW8290	SW8290	SW8290	SW8290	SW8290	SWEEDU	520.7	200.7	2007	E200.7	E360.3	SW82608	SW8260B	SW8260B	SW8270C	5000 7	E200.7	E200.7	E200.7	E200.7	E200.7	1200.7	E200.7	E360.3	SW8260B	SW82608	SW8290	SWRDBO	SW8290	SW8290	SW8290	SW6290	5007	E200.7	E200.7	E200.7	E200.7	SW82808	SW8260B	SW82608
USER TEST GROUP	METALS	METALS	METALS	METALS	METALS	METALS	OFNEDAL CHEM	VOLATILES	VOI ATILES	VOI ATILES	VOLATILES	VOLATILES	VOLATILES	SEMINOLATILES	DHOXINS	SNIXOIO	DIOXINS	DIOXINS	DIOXINS	DIOXINS	DIOXING	DIOXINS	METALS		METAL S	METALS	GENERAL CHEM	VOLATILES	VOLATILES	VOLATILES	SEMIVOLATILES	METALO	METALS	METALS	METALS	METALS	METALS	METALS	METALS	GENERAL CHEM	VOLATILES	VOLATILES	DIOXINS	DIOXINS	SNIXOIQ	DIOXINS	SNIXOIG	SNIXOIO	METALS	METALS	METALS	METALS	METALS	VOLATILES	VOLATILES	VOLATILES
DETECT LIMIT	9	2000	55	2000	₽ ;	33.5	38	-	. ç	≥ -	- 8		-	. 0	0.0000031	0.0000045	0.000004	0.000004	0.0000051	0.0000091	0.00000	0.00004	8 6	900	2 5	9009	8	9	-	<del>-</del> :	10	0.0000093	3 2	2000	5	2000	2000	2 &	305	500	-	-	0.0000013	0.000002	0.000016	0.0000021	0.0000011	0.000034	0.000015	2009	2000	2000	, 50 13 80 13 80	-	-	-
PACTOR	-	-	_	_	_		- +	- ,-			-	_	_	_	-	-	-	-	-	-				- •			-	-	-	-		-		-	-	-	-	- •	- •	_	-	-	<del>-</del> ,		-	-	-		1		-	-		-	-	-
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RESULT QUALIFIER	0068	78900	8	45300	9	098	200	- 86	- 4-	9.00	1 870	0.27	7 250	1.6.	0.00000	0.000023 O.B.J	0.0000035 Q B J	0.0000036 Q B J	0.000015 BJ	0.000012 Q	0.0000044 Q J	0.0000051 Q.J	2000	000	9/002	124000	400	12.5	2.7	0.47 J	1.8.1	0.000022 8.3	0000	64800	2.	0098	\$5000		13300	2800	7	0.58 J	0.000013 Q J B	0.000000 B 1	0.0000033 B.J.	0.0000068 B J	0.0000043 Q J B	0.000022 Q J	0.000000	3800	10400	2900	560	1.6	C 98:0	0.29
PARMETER	lron	Magnestum	Manganese	Sodium	Amenic	Berkin	Caccin (see a)	1 2 Dichtomethere	A contract A	Bearing	Chomethene	Vird chindle	1.1-Okthomethana	tris(2-EthylberyOnthhelate	Total PECDF	0000	1.2.3.4.6.7.8-HPCDD	Total HPCDD	<b>J</b> 000	Total TCDD	Total TCDF	1,2,3,7,8-PECDF	101 H	Magnessum	on the contract of	E TOPO	Ammonia (as N)	Acetone	Benzene	1,1-Dichioroethane	ble(2-Ethythexy/)phthalate	IOGN MXCDD	mminum	Magnesium	Manganese	Potassium	Sodhum	Araenic	E TOUR	Amoonia (as N)	Chlorobenzene	Benzene	Total PECDF	0000	Total HPCDD	OCDF	Total HXCDF	Total TCDF	1237,8,8-HACOF	Mechesium	Potaestum	Sodium	Bartum	Tohison	Total Xylenes	Benzene
SAMPLE PURPOSE	REG	REG	RG	REG	HEG.	HEG .	2 0	0				2 0	0 0	2 2	PEG.	E E	BEG	REG	REG	REG	REG	REG	E G	2 0	200	2 4	PEG	REG	REG	REG	REG	200	2 6	BEG .	E S	PEG	REG	E 6	2 0	9 6	REG	REG	BEG E	א ה מיני	2 8	REG	REG	9 EG	200	S EG	REG	REG	E 0	S av	2 2	AB
LOCATION CODE	LF10-MW09B	LF10-MW09B	LF10-MW09B	LF10-MW09B	LF10-MW09B	L-10-IMW09B	E-10-MW098	E SOLAWOOD	E TO MANDED	E40-MAY/080	FIGHWOOD	F10-MWOOR	F10-LAW/DDB	FIGHWOOD	LF10-MW09B	LF10-MW09B	LF10-MW098	LF10-MW09B	LF10-MW09B	LF10-MW09B	LF10-MW09B	LF10-MW00B	LF10-44W09C	CTIO-MWGBC	LF10-MW08C	TEL LAWYOR	LF10-MW00C	LF10-MW08C	LF10-MW09C	LF10-MW09C	LF10-MW08C	LF10-MW09C	F10-MW103	LF10-MW103	LF10-MW103	LF10-MW103	LF10-MW103	LF10-MW103	ETC-MW103	F10-MW103	LF10-MW103	LF10-MW103	LF10-MW103	E10-MW103	LF10-MW103	LF10-MW103	LF10-MW103	LF10-MW103	LF10-100103	LF10-WW106	LF10-MW106	UF10-MW105	LF10-MW106	- FIGHWIO	LF10-MW10C	LF10-MW10C
SAMPLE DATE	11-00-04	1-04-04	1-0-1-0	\$ 000 P	- 0 2 2	900	5 6	5 5	3 3	5 6	5 6	3 5	3 5	Š	1000	1000	9	1000	1-040	1-00-0	1-00-0	1000	9 6	7 6	\$ 6 6 6 7	3 5	90	500	1-04-04	11-08-04	1-04-04	400	\$ 500 000 000 000 000 000 000 000 000 000	900	400	7-00-04	7-0g-0t	9 9 9	5 6 5 6 7 7	5	7080	7-04-04	7040	5 6	5 6	70807	1000	100	500	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	7000	7-0d-04	100	\$ 500	0	6-Oct-04
	KH30178	KH30178	KH30178	KH30178	KH30178	KH30178	KH30178	27 100 V	00000	8/100/7	67-100-100 67-100-100	KH20478	2007	KH30178	KQ+30178	KH20178	KH30178	KH30178	KH30178	KH30178	KH30178	KH30178	KH30179	KHSO179	6,100,170	2000	671000	KH20179	KH30179	KH30179	KH30179	KH30179	KH30181	KH30181	KH30181	KH30181	KH30181	KH30181	E LOS SE	KHSOLE	KH30181	KH30181	KH30181	KH30181	KH30181	KH30181	KH30181	KH30181	KH30181	KH30183	KH30183	KH30183	KH30183	NH30185	KH30184	KH30184
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Table C1
WPAFB OU1 Groundwater Analytical Data (Detects Only) - July and October 2004
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	SAMPLE DELIVERY GROUP	AAJ080149	A4J080149	A4.080149	A4.080149	4,08324	4,06324	4,06324	4,06324	4706324	4706324	4708324	4706254	10000	4.06394	7708354	4,106324	4,106324	4,06324	4,06324	4,06324	4,06324	A4J130130	A4J130130	A4J130130	A4130130	Manage State	A4130130	44 140122	A4J140122	A4J140122	A4J140122	A4J140122	A40140122	A4.140122	A4J140122	AAJ140122	A4J140122	A4J140122	A4.140122	413124	A4J080336	A4J060336	A4J060336	A4,070196	A4.070196	A4.070196	A4.080149	A4J130130	A4J130130	A4J130130	A4J130130	A4J150115	A4.150115	A4/150115	00000000
	LAS METHOD	E200.7	E200.7	E200.7	E200.7	SWR290	SW8290	SW8290	SW8290	SW8290	SW8280	SW8290	SW6290	SWEESO	CAMESON	SWR2BO	SW8290	SW8290	SW6290	SW8290	SW8290	SW6290	E200.7	E200.7	E200.7	E200.7	3	SWIPTING	52007	E200.7	E200.7	E200.7	E200.7	E200.7	E200./	E200.7	E200.7	E200.7	E200.7	SWEEDE	SW8200	SW8260B	SW82608	SW8260B	SW82608	SWEZEOB	SWEEDE	SWRZEOB	SW8260B	SW82608	SW8260B	SW82608	SW82608	SW82808	SW82608	0000000
	USER TEST GROUP	METALS	METALS	METALS	MCIALS	DIOXINS	DIOXINS	DIOXINS	DIOXINS	DIOXINS	SNIXOIO	DIOXINS	DIOXINS	SNIXON		DIXING	DHOXINS	SNIXOIC	DHOXING	DYOXINS	DIOXINS	DIOXINS	METALS	METALS	METALS	METALS	S S S S S S S S S S S S S S S S S S S	CENTAC ATLICE	METALE	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	METALS	VOCATILES	DOVING	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOI ATILES	VOI ATII ES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	>==: C>>
	DETECT LIMIT	001	98 : 208 :	5 5 5	8 8	0,000013	0.000026	0.0000016	0.00002	0.0000016	0.00002	0.0000015	0.0000025	0.000016	0.000018	0.000012	0.000011	0.000017	0.000014	0.0000013	0.0000011	0.0000023	100	0009	<b>9</b>	005	R S	8 9	2 8	3 00	\$	2000	8	2000	9 50	} ⊊	2000	92	2000	2 9	900000	1	5	10	- ;	2 \$	₽ •				5	10	_	- :	2 -	-
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	RESULT QUALIFIER	170	43800	34	20000	B COMMON	0.000012 B J	0.0000075 Q J B	0.000005 B J	0.0000018 B Q J	0.000006 B J	0.0000075 Q B J	0.0000068 B J	0.0000023 Q B J	0.000002 Q B 3		0.000016 O.B.J	0.0000032 B J	0.0000021 Q B J	0.0000023 Q B J	0.0000023 Q B J	0.0000041 Q B J	2000	37800	29	000	310	D)/9	68.0	51700	88	15100	250	136000	900	5	15000	250	134000	1.3.JB	0.0000004.0	0.67 J	22 J	1.3 J	0.98 J	2.7.	L 7.1	1.09.0	2 20 0	0.86.0	32 J	1.4 J	ი.73 კ	0.88.0	31.60	> - ? ?
	PARAMETER	ual	Magnesium	Manganese	English C	Total DECOR	0000	Total HXCDD	1,2,3,4,8,7,8-HPCDD	Total PECDD	Total HPCDD	Total MPCDF	4000	1,2,3,4,7,8-HXCDO	1,2,3,4,7,8,4-HPCUF	23478.0500	12367.8-HXCDF	123678-HXCDD	2.3.4.6.7.8-HXCDF	1,2,3,4,6,7,8-HPCDF	1,2,3,4,7,8-HXCDF	1,2,3,7,8,9-HXCDF	ual	Megnesium	Manganese	Sodium	Bertum	Carcum	Des 2-Eurymery) jarumente	Marraelim	Mandanese	Sodium	Berfum	Calcium	LQI	Meccanose	Sodium	Bertum	Calcium	Acetone	Dist(2-Emyshexy))primitalisis	Toluene	Acetone	2-Butanone	Total Xylenes	Acetone	2-Butanone	Tolliene	Tologon	Total Xylenes	Acetone	2-Butanone	Toluene	Total Xylenes	Acetone	257.60
	PURPOSE	REG	REG		2 0		2 0	HE G	REG	REG	REG	REG	AEG.	PEG	2 0		2 6	E E	E G	REG	REG	REG	REG	REG	REG	REG	9	E C	200	2 6	6	6	e	2	E 60	2 6	REG	REG	REG	E C	2 0	2	户	<b>E</b>	TB	<b>#</b> 1	₽β	9	9	<u> </u>	Æ	Ð	18	 P (	<u> </u>	<u>-</u>
	LOCATION CODE	LF10-MW10C	LF10-MW10C	LF10-4W10C	CHOMMISC	COLUMN TOC	LF10-LW10C	LF10-MW10C	LF10-MW10C	LF10-MW10C	LF10-MW10C	LF10-MW10C	LF10-MW10C	LF10-MW 10C	CENTRATOC	COMMENCE	FIRMWING	I F10-MW10C	LF10-MW10C	LF10-MW10C	LF10-MW10C	LF10-MW10C	LF10-MW11A	LF10-MW11A	LF10-MW11A	LF10-MW11A	LE10-MW11A	LF10-MW11A	ALL MANAGED IN	1510-LW11B	LF10-MW11B	LF10-MW11B	LF10-MW11B	F10-MW11B	(F10-MW11B	F10-MW11B	F10-MW11B	JF10-MW11B	LF10-MW11B	LF10-MW11B	E10-MW116	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIEDOC		200	200	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	-
	SAMPLE DATE	8-Oct-04	4000	900	\$ 6 6 6 6	\$ 3 5 5 5 6	\$ 5 5 5 6 6 6 7	\$ \$ \$ \$	4000	<b>5</b> 000	\$000 \$000 \$000 \$000 \$000 \$000 \$000 \$00	\$-00-0 \$0-00	<b>5</b>	\$ \$ \$ \$	\$ 6 6 6 6 6	5 6	Ş	200	9	900	900	\$000 \$000	11-00-04	1-040	1-00-01		400	\$ 6 6 6 7 7	500	2000	12-00-04	12-00-04	12-00-04	12-001-04	12000	2000	12.00.0	12-04-04	12-00-04	12000	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10504	400	4004-04	5-04-04	400	2000	5 2	500	5 6	1000	1-00-0	13-00-04	1309	2 2 2	535
	SAMPLE NO 1	KH30185	KH30185	XH30186	XH30186	2000	KH20185	KH30185	KH30186	KH30186	KH30186	KH30186	XH30186	KH30186	KH30186	200000	KH30186	KH30186	KHROTAS	KH30185	KH30185	K0+30186	KH30186	KO-130186	KH30186	KH30186	<b>2</b>	20196	8000	KH30187	KOH30187	KH30187	KH30187	KH30187	KH30188	KH20186	KH30188	KH30188	KH30188	KH30188	KH30188	KH30190	KH30180	KH30190	KH30191	KH30191	KH30191	KHSOISI	NAME OF THE PARTY	0000	KH30183	KH30183	KH30194	XH30194	X 3012	- Line
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WPAFB OU1 Groundwater Analytical Data (Detects Only) - July and October 2004

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KH20186 IB-Oct-04 KH20186 IB-Oct-04 KH20186 IB-Oct-04 KH20186 IB-Oct-04 KH20186 IB-Oct-04 KH20186 IB-Oct-04 KH20189 IB-O		RESULT QUALFIER	SE S	PACTOR	DETECT LIMIT	USER TEST GROUP	LAB METHOD	G 70 0 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
KH30196   18-Oct-04   FIELDOC   KH30196   18-Oct-04   FIELDOC   KH30196   18-Oct-04   FIELDOC   KH30196   18-Oct-04   FIELDOC   KH30196   20-Oct-04   FIELDOC   KH30196   20-Oct-04   FIELDOC   KH30196   20-Oct-04   FIELDOC   KH30196   20-Oct-04   FIELDOC   KH30196   20-Oct-04   FIELDOC   KH30196   20-Oct-04   FIELDOC   KH30196   20-Oct-04   FIELDOC   KH30196   20-Oct-04   FIELDOC   KH30196   20-Oct-04   FIELDOC   KH30196   20-Oct-04   FIELDOC   KH30196   20-Oct-04   FIELDOC   KH300196   20-Oct-04   FIELDOC   KH300196   20-Oct-04   FIELDOC   FIENDOEFF   KH300031   20-Oct-04   FIENDOEFF   KH300031   20-Oct-04   FIENDOEFF   KH300031   20-Oct-04   FIENDOEFF   KH300033   21-Oc			_	;	,			SAMPLE DELIVERY GROUP
NH20196   18-Oct-Od   PIELDOC   NH20196   18-Oct-Od   PIELDOC   NH20196   18-Oct-Od   PIELDOC   NH20196   20-Oct-Od   PIELDOC   NH20196   20-Oct-Od   PIELDOC   NH20196   20-Oct-Od   PIELDOC   NH20196   20-Oct-Od   PIELDOC   NH20196   20-Oct-Od   PIELDOC   NH20196   20-Oct-Od   PIELDOC   NH20196   20-Oct-Od   PIELDOC   NH20196   20-Oct-Od   PIELDOC   PIELDOC   NH20196   20-Oct-Od   PIELDOC   PIELDOC   NH20196   20-Oct-Od   PIELDOC   PIELDOC   NH20196   20-Oct-Od   PIELDOC   PIELDO		C 65:0	Nov.	-	_	VOLATILES	SW82608	A4J200117
NH30186   18-Oct-04   PIELDOC   NH30186   18-Oct-04   PIELDOC   NH30186   18-Oct-04   PIELDOC   NH30186   20-Oct-04   PIELDOC   NH30186   20-Oct-04   PIELDOC   NH30186   20-Oct-04   PIELDOC   NH30186   20-Oct-04   PIELDOC   NH30186   20-Oct-04   PIELDOC   NH30186   20-Oct-04   PIELDOC   NH30186   20-Oct-04   PIELDOC   NH30186   20-Oct-04   PIELDOC   NH30186   20-Oct-04   PIELDOC   PIELDOC   NH30186   20-Oct-04   PIELDOC   PIELDOC   NH30186   20-Oct-04   PIELDOC   PIELDO		0.81 J	ዿ	-	-	VOLATILES	SW6260B	A4J200117
NH30196   18-Oct-O4	+	0.87 J	정	-	-	VOLATILES	SW8260B	A4J200117
KH30198   20-Oct-04   FIELDOC	B Total Xylenes	7 4	٦	-	٥	VOLATILES	SW8260B	A4,200117
NH30188   20-Oct-04   FIELDOC   NH30188   20-Oct-04   FIELDOC   NH30188   20-Oct-04   FIELDOC   NH30188   20-Oct-04   FIELDOC   NH30189   20-Oct-04   FIELDOC   NH30189   28-Oct-04   FIELDOC   FIELDOC   NH30031   28-Oct-04   FIELDOC	Total Xylenes	76.0	Z,	_	-	VOLATILES	SW8260B	4,22187
KH30198   20-0ct-04   FIELDOC   KH30198   Co-0ct-04   FIELDOC   KH30033   28-0ut-04   FIELDOC   KK30033   28-0ut-04   FIELDOC   KK30033   28-0ut-04   FIELDOC   FIELDOC   KK30033   28-0ut-04   FIELDOC   FIELDOC   KK30033   28-0ut-04   FIELDOC   FIELDOC   KK30033   28-0ut-04   FIELDOC   FIELDOC   FIELDOC   KK30033   28-0ut-04   FIELDOC   FIELDO		0.59 J	\$ '	_	- :	VOLATILES	SW82608	181274
KKG00031   28-Jul-04   FEVI-0-EFF     KG300031   28-Jul-04   FEVI-0-EFF     KG300031   28-Jul-04   FEVI-0-EFF     KG300031   28-Jul-04   FEVI-0-EFF     KG300031   28-Jul-04   FEVI-0-EFF     KG300031   28-Jul-04   FEVI-0-EFF     KG300031   28-Jul-04   FEVI-0-EFF     KG300031   28-Jul-04   FEVI-0-EFF     KG300031   28-Jul-04   FEVI-0-EFF     KG300031   28-Jul-04   FEVI-0-EFF     KG300031   28-Jul-04   FEVI-0-EFF     KG300031   28-Jul-04   FEVI-0-EFF     KG300031   28-Jul-04   FEVI-0-EFF     KG300031   28-Jul-04   FEVI-0-EFF     KG300033   21-O-84-04   FEVI-0-EFF     KG300034   21-O-84-04   FEVI-0-EFF     KG300035   21-O-84-04   FEVI-0-EFF     KG300035   21-O-84-04   FEVI-0-EFF     KG300035   21-O-84-04   FEVI-0-EFF     KG300036   21-O-84-04   FEVI-0-EFF     KG300037   21-O-84-04   FEVI-0-EFF     KG300037   21-O-84-04   FEVI-0	Acetone	5.6	호.	_	۰ ۾	VOLATILES	SW82608	4,727187
KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         28-Jul-OA         LFB/10-EFF           KOGOOGSI         21-OA-OA         LFB/10-EFF           KOGOOGSI         21-OA-OA         LFB/10-EFF           KOGOOGSI <td< td=""><td></td><td>0.4 J</td><td>JQ.</td><td>-</td><td></td><td>VOLATILES</td><td>SW8260B</td><td>4,722.187</td></td<>		0.4 J	JQ.	-		VOLATILES	SW8260B	4,722.187
KG30031 28-JubO4 1-EVIO-EFF KG30031 28-JubO4 1-EVIO-EFF KG30031 28-JubO4 1-EVIO-EFF KG30031 28-JubO4 1-EVIO-EFF KG30031 28-JubO4 1-EVIO-EFF KG30031 28-JubO4 1-EVIO-EFF KG30031 28-JubO4 1-EVIO-EFF KG30031 28-JubO4 1-EVIO-EFF KG30031 28-JubO4 1-EVIO-EFF KG30031 28-JubO4 1-EVIO-EFF KG30031 28-JubO4 1-EVIO-EFF KG30033 21-Oxt-O4 1-EVIO-		7.4	TIND CLE	-	0	GENERAL CHEM	E150.1	A4G290222
KG20031 28-Jul-04   LFV10-EFF     KG20031 28-Jul-04   LFV10-EFF     KG20031 28-Jul-04   LFV10-EFF     KG20031 28-Jul-04   LFV10-EFF     KG20031 28-Jul-04   LFV10-EFF     KG20031 28-Jul-04   LFV10-EFF     KG20031 28-Jul-04   LFV10-EFF     KG20031 28-Jul-04   LFV10-EFF     KG20031 28-Jul-04   LFV10-EFF     KG20031 28-Jul-04   LFV10-EFF     KG20031 28-Jul-04   LFV10-EFF     KG20033 21-Oxt-04     KG20034 21-Oxt-04   LFV10-EFF     KG200354 21-Oxt-04   LFV10-EFF     KG2003555 21-Oxt-04   LFV10-EFF     KG200355 21-Oxt-04     KG200355 21-Oxt-04   LFV10-EFF     KG200355 21-Oxt-04   LFV10-EFF     KG200355 21-Oxt-04   LFV10-EFF     KG200355 21-Oxt-04	EG Total Suspended Solids	2000	ş	_	900	GENERAL CHEM	E160.2	A4G29C222
KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300033 21-O8-04   LFB/10-EFF     KG300034 21-O8-04   LFB/10-EFF     KG3		280	궣	-	80	METALS	E200.7	A4G290222
KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300031 28-Jul-04   LFB/10-EFF     KG300033 21-Oa-04   LFB/10-EFF     KG3000340350350350350350350350350350350350350350		9200	\$	-	\$	METALS	E200.7	A4G290222
KG30031 28-Ju4-04   LFW10-EFF     KG30031 28-Ju4-04   LFW10-EFF     KG30031 28-Ju4-04   LFW10-EFF     KG30031 28-Ju4-04   LFW10-EFF     KG30031 28-Ju4-04   LFW10-EFF     KG30031 28-Ju4-04   LFW10-EFF     KG30031 28-Ju4-04   LFW10-EFF     KG30031 28-Ju4-04   LFW10-EFF     KG30031 28-Ju4-04   LFW10-EFF     KG30033 21-04-04   LFW		<b>5</b>	ዿ	-	en '	METALS	E200.7	A4G29G222
KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300033 21-Obe-04   LFW10-EFF     KG300033 21-Ob	EG Magnestum	69400	Ž	-	2000	METALS	E200.7	A4G290222
KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300031 28-Jul-04   LFW10-EFF     KG300033 21-Ost-04   LFW10-EFF     KG3000345 21-Ost-04   LFW10-EFF     KG3000345 21-Ost-04   LFW10-EFF     KG3000345 21	_	670	호	-	<del>5</del>	METALS	E200.7	A40290222
KG30031 28-Jul-04   LFW10-EFF     KG30031 28-Jul-04   LFW10-EFF     KG30031 28-Jul-04   LFW10-EFF     KG30031 28-Jul-04   LFW10-EFF     KG30031 28-Jul-04   LFW10-EFF     KG30031 28-Jul-04   LFW10-EFF     KG30031 28-Jul-04   LFW10-EFF     KG30033 21-Ost-04     KG30033 21-Ost-04   LFW10-EFF     KG30033 21-Ost-04   LFW10-EFF     KG30033 21-Ost-04   LFW10-EFF     KG30033 21-Ost-04   LFW10-EFF     KG30033 21-Ost-04   LFW10-EFF     KG30033 21-Ost-04     KG30033 21-Ost-04   LFW10-EFF     KG30033 21-Ost-04   LFW10-EF		127000	섷	_	2000	METALS	E200.7	A4G290222
KG30031 28-Jul-04   LFB/10-EFF     KG30031 28-Jul-04   LFB/10-EFF     KG30031 28-Jul-04   LFB/10-EFF     KG30031 28-Jul-04   LFB/10-EFF     KG30031 28-Jul-04   LFB/10-EFF     KG30031 28-Jul-04   LFB/10-EFF     KG30031 28-Jul-04   LFB/10-EFF     KG30033 21-Obe		670	ᇂ	-	8	METALS	E200.7	A4G290222
KG30033   28-Jul-04   LFW10-EFF     KG30031   28-Jul-04   LFW10-EFF     KG30031   28-Jul-04   LFW10-EFF     KG30031   28-Jul-04   LFW10-EFF     KG30031   28-Jul-04   LFW10-EFF     KG30033   21-Jul-04   LFW10-	EG Copper	75	ᇂ	-	ສ	METALS	E200.7	A4G290222
KG30033   28-Jul-04   LFW10-EFF     KG30031   28-Jul-04   LFW10-EFF     KG30031   28-Jul-04   LFW10-EFF     KG30031   28-Jul-04   LFW10-EFF     KG30033   21-Det-04   LFW10-		55	\$	-	S,	METALS	E200.7	A4G280222
KG30033   28-Jul-04   LFW10-EFF     KG30031   28-Jul-04   LFW10-EFF     KG30031   28-Jul-04   LFW10-EFF     KG30031   28-Jul-04   LFW10-EFF     KG30033   28-Jul-04   LFW10-EFF     KG30033   21-Obt-04   LFW10-	<u>ਰ</u>	155000	ፉ	-	2000	METALS	E200.7	A4G290222
KG30031 28-Jul-04 LFW10-EFF KG30031 28-Jul-04 LFW10-EFF KG30031 28-Jul-04 LFW10-EFF KG30031 28-Jul-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF KG30033 21-Oa-04 LFW10-EFF		37000	ፉ	-	20000	GENERAL CHEM	E410.4	A4G290222
KG30031 28-Jul-04 LFW10-EFF KG30031 28-Jul-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF KG30033 21-Oct-04 LFW10-EFF		0.84	ጅ	-	-	VOLATILES	SW82608	A4G29G222
KG30031 28-Ju-04 LFW10-EFF KG30031 28-Ju-04 LFW10-EFF KG30033 21-Ost-04 LFW10-EFF KG30033 21-Ost-04 LFW10-EFF KG30033 21-Ost-04 LFW10-EFF KG30033 21-Ost-04 LFW10-EFF KG30033 21-Ost-04 LFW10-EFF KG30033 21-Ost-04 LFW10-EFF KG30033 21-Ost-04 LFW10-EFF KG30033 21-Ost-04 LFW10-EFF KG30033 21-Ost-04 LFW10-EFF KG30033 21-Ost-04 LFW10-EFF KG30033 21-Ost-04 LFW10-EFF KG30033 21-Ost-04 LFW10-EFF KG30033 21-Ost-04 LFW10-EFF	Ci-12	2.2	ዿ	-	5.0	VOLATILES	SW82606	A4G29G222
KG30033 28-bi-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF		0.0	ዿ	_	٥	VOLATILES	SWRZGOB	A4G290222
KG30033   23-04-04   LPU10-EFF     KG30033   21-0		3.0	٠			VOLATILES	SW8260B	A4G290222
KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF KG30033 21-04-04 LFWIO-EFF		0.26 J	Š	-		VOLVILES	SWECTOR	ANGENIZZZ
KG30033		9.6	TNO CTS		٥ إ	GENERAL CHEM	E150.1	A4J220161
XQ30033 21-04-04 LFW10-EFF KQ30033 21-04-04 LFW10-EFF KQ30033 21-04-04 LFW10-EFF KQ30033 21-04-04 LFW10-EFF KQ30033 21-04-04 LFW10-EFF KQ30033 21-04-04 LFW10-EFF KQ30033 21-04-04 LFW10-EFF		300	\$		<b>3</b> 8	GENERAL CHEM	E180.2	44 500161
KG30033 21-04-04 LFB/10-EFF KG30033 21-04-04 LFB/10-EFF KG30033 21-04-04 LFB/10-EFF KG30033 21-04-04 LFB/10-EFF KG30033 21-04-04 LFB/10-EFF KG30033 21-04-04 LFB/10-EFF	unuuuu oo	8 8	\$ 9		3 5	METALO	E200.7	44 1920144
KQ30033 21-0ct-04 LFB/10-EFF KQ30033 21-0ct-04 LFB/10-EFF KQ30033 21-0ct-04 LFB/10-EFF KQ30033 21-0ct-04 LFB/10-EFF KQ30033 21-0ct-04 LFB/10-EFF	_	200	<b>4</b> §		₫ ~	METALS.	£200.7	A4.1220181
KG30033 21-04-04 LFW10-EFF KG30033 21-04-04 LFW10-EFF KG30033 21-04-04 LFW10-EFF KG30033 21-04-04 LFW10-EFF		0000		-	, 009	METALS	E200.7	AAJ220181
KQ300033 21-04-04 LFB10-EFF KQ30033 21-04-04 LFB10-EFF KQ30033 21-04-04 LFB10-EFF	Mananese	684	ş	-	5	METALS	£200.7	A4J220181
KQ30033 21-0d-04 LF8/10-EFF KQ30033 21-0d-04 LF8/10-EFF		112000	ž	-	2009	METALS	E200.7	A4J220161
K030033 21-Oct-04 LF8/10-EFF		200	섷	-	8	METALS	E200.7	A4J220161
		&	ž	-	<b>%</b>	METALS	E200.7	A4J220161
KQ30033 21-Oct-04 LF8/10-EFF	_	8	ፉ	-	26	METALS	E200.7	A4J220181
KQ30033 21-Oct-04 LF8/10-EFF	<u></u>	137000	궣	-	2000	METALS	E200.7	A4J220161
KQ30033 21-Oct-04 LF8/10-EFF		30000	\$	-	2000	GENERAL CHEM	E410.4	A4J220161
OU_01	_	2.7	ዿ	_	<b>,</b>	VOLATILES	SW8260B	A4J220161
KQ30033 21-Oct-04 LFB/10-EFF	_	7.4	젛	-	0.5	VOLATILES	SW8260B	A4J220161
21-0ct-04 LFB/10-EFF	trans-1,	0.10	\$	-	9.0	VOLATILES	SW8260B	A4J220161
KQ30033 21-Oct-04 LF8/10-EFF		1.8.1	ዿ	-	5	VOLATILES	SW82606	A4J220161
KQ30033 21-Oct-04 LFB/10-EFF	_	9.1	\$	<u>-</u>	-	VOLATILES	SW8260B	A4J220161
KQ30033 21-Oct-04 LF8/10-EFF	EG Benzene	0.47 J	ፉ	-	-	VOLATILES	SW8260B	A4J220161
21-00-04		0.69 J	ዿ	_	<del>-</del> (	VOLATILES	SW8260B	A4J220161
KG30033 21-Oct-04 LF8/10-EFF	EG Trichloroethene	0.44 J	VOV	-	2	VOLATILES	SW8260B	A4J220161

Notes:
This table displays only the detected parameters at each sampling location.
Normal sampling locations not displayed were either unable to be sampled und no parameters detected.
ug/L = micrograms per Liter.

FD = Field Duplicate
AB = Ambient Blank
TB = Trip Blank
TB = Trip Blank
TB = Estimated Result. Result less than reporting limit.
B = Method Blank Defection
D = Diluted result

## Appendix D

#### **OU5 Water Level Monitoring Field Logs**

#### Appendix E

#### **OU4 Soil Gas Monitoring Field Logs**

#### Appendix F

#### **OU2 Field Forms**

- F1 OU2 Groundwater Purge Logs and Groundwater and Soil Gas Sample Collection Forms
- F2 OU2 Chain of Custody Records
- F3 OU2 Water Level Field Log

#### Appendix G

#### **OU2 Analytical Data**

G1 Groundwater Analytical Data (Detects Only)
G2 Soil Gas Analytical Data (Detects Only)

**OU2 Groundwater Analytical Data (Detects Only)** 

Table G1
WPAFB OU2 ROD Groundwater Analytical Data (Detects Only) - October 2004
Page 1 of 2

							ı						
GROUP	SAMPLE NO	SAMPLE DATE	LOCATION	SAMPLE	PARAMETER	RESULT QUALIFIER UNITS	UNITS	DILUTION	DETECT	USER TEST GROUP	LAB METHOD	SAMPLE DELIVERY GROUP	
20 <u>0</u> 00	TH30045	7-Oct-04	04-016-M	REG	Methane	1900 D	7gn	9	2	GASES	RSKSOP-175	A4J090226	
20 00	TH30045	7-Oct-04	04-016-M	REG	Ethane	1.4 J D	Lg/L	10	s,	GASES	RSKSOP-175	A4J090226	
o∪_02	TH30045	7-Oct-04	04-016-M	REG	Toluene	0.36 J	<b>1</b> 8	-	-	VOLATILES	SW8260B	A4J090226	
%_ OO_	TH30045	7-Oct-04	04-016-M	REG		9.2	γg	-	-	VOLATILES	SW8260B	A4J090226	
ار م_0	TH30045	7-Oct-04	04-016-M	REG	Ether, tert-butyl methyl	1.9 J	ug/L	1	9	VOLATILES	SW8260B	A4J090226	
20_UO	TH30046	7-Oct-04	NEA-MW20-1D	REG	Nitrate	1600	J∕6n	-	200	GENERAL CHEM	E300	A4J090226	
%_00	TH30046	7-Oct-04	NEA-MW20-1D	REG	Suifate	00008	Z Z	-	8	GENERAL CHEM	E300	A4J090226	
%     	TH30046	7-Oct-04	NEA-MW20-1D	REG	Methane	0.22	ል	-	0.5	GASES	RSKSOP-175	A4J090226	
00 00	TH30046	7-Oct-04	NEA-MW20-1D	REG	Acetone	-	Z Z	-	2	VOLATILES	SW8260B	A4J090226	
S 20	TH30047	7-Oct-04	NEA-MW20-2S	9	Methane	1500 D	Z	10	9	GASES	RSKSOP-175	A4J090226	
00 00	TH30047	7-Oct-04	NEA-MW20-2S	6	Total Xylenes	1.6 J D	Υgn	Q	8	VOLATILES	SW8260B	A4J090226	
00	TH30047	7-Oct-04	NEA-MW20-2S	6	Benzene	24 D	4	N	N	VOLATILES	SW8260B	A4J090226	
200	TH30047	7-Oct-04	NEA-MW20-2S	£	Methylene chloride	0.92 JBD	4	8	8	VOLATILES	SW8260B	A4J090226	
20 NO	TH30048	7-Oct-04	NEA-MW20-2S	REG	Sulfate	1000	Z	-	8	GENERAL CHEM	E300	A4J090226	
1 PO	TH30048	7-Oct-04	NEA-MW20-2S	REG	Methane	1500 D	Ą	S	2.5	GASES	RSKSOP-176	A4J090226	
2 2 2 3	TH30048	7-Oct-04	NEA-MW20-2S	REG	Total Xvienes	1.5 J D	, Ag	N	N	VOLATILES	SW8260B	A4J090226	
20 20 20	TH30048	7-Oct-04	NEA-MW20-2S	REG	Benzene	8	μğ	N	Q	VOLATILES	SW8260B	A4J090226	
00	TH30048	7-001-04	NEA-MW20-2S	BEG	Methylene chloride	0.76 JBD	, 호	N	N	VOLATILES	SW8260B	A4J090226	
00 00	TH30049	7-Oct-04	NEA-MW21-2D	REG	Nitrate	1500	정	-	S S	GENERAL CHEM	E300	A4J090226	
00.00	TH30049	7-Oct-04	NEA-MW21-2D	REG	Sulfate	69400	절	-	90	GENERAL CHEM	E300	A4J090226	
00.00	TH30049	7-Oct-04	NEA-MW21-2D	REG	Methane	0.19	Ž	-	0.5	GASES	RSKSOP-175	A4J090226	
00 00	TH30050	7-0ct-04	NEA-MW21-3S	REG	Methane	1100 D	셯	5	2.5	GASES	RSKSOP-175	A4J090226	
00	TH30050	7-Oct-04	NEA-MW21-3S	REG	Ethylbenzene	1.4 J D	Z	8	8	VOLATILES	SW8260B	A4J090226	
8 00	TH30050	7-Oct-04	NEA-MW21-3S	REG	Total Xylenes	1.1 JD	Z Z	01	~	VOLATILES	SW8260B	A4J090226	
90 00	TH30050	7-0ct-04	NEA-MW21-3S	REG	Benzene	1.3 J D	ጀ	01	0	VOLATILES	SW8260B	A4J090226	
0 0 0	TH30050	7-Oct-04	NEA-MW21-3S	REG	Methylene chloride	1380	Z Z	8	8	VOLATILES	SW8260B	A4J090226	
OU 02	TH30051	7-Oct-04	NEA-MW26-3S	REG	Sulfate	39600	J/Gn	1	1000	GENERAL CHEM	E300	A4J090226	
00 05	TH30051	7-0ct-04	NEA-MW26-3S	REG	Methane	28	γgn	-	9.0	GASES	RSKSOP-175	A4J090226	
00 00	TH30051	7-Oct-04	NEA-MW26-3S	REG	Acetone	0.88	ng/L	-	10	VOLATILES	SW8260B	A4J090226	
OU_02	TH30062	7-0ct-04	NEA-MW28-5S	REG	Sulfate	2000	7/Gn	-	1000	GENERAL CHEM	E300	A4J090226	
800	TH30052	7-0cf-04	NEA-MW28-5S	REG	Methane	1100 D	Ϋ́	9	တ	GASES	RSKSOP-175	A4J090226	
00,00	TH30052	7-Oct-04	NEA-MW28-5S	REG	Methylene chloride	3.4 B D	ηgγ	2	2	VOLATILES	SW8260B	A4J090226	
0 05	TH30053	7-Oct-04	OW-1	FD	Methane	2800 D	J/6n	10	9	GASES	RSKSOP-175	A4J090226	
OU_02	TH30053	7-Oct-04	OW-1	£	Toluene	0.37 J D	Z Z	8	8	VOLATILES	SW8260B	A4J090226	
00_02	TH30053	7-Oct-04	OW-1	æ	Benzene	0.98 J D	Z,	CI.	8	VOLATILES	SW8260B	A4J090226	
OC_02	TH30053	7-Oct-04	OW-1	6	Methylene chloride	1.2 J B D	ng∕L	2	2	VOLATILES	SW8260B	A4J090226	
%_0 0	TH30054	7-Oct-04	OW-1	REG	Methane	2400 D	Z Z	9	ۍ.	GASES	RSKSOP-175	A4J090226	
o∩_02	TH30054	7-Oct-04	OW-1	REG	Benzene	O.89 J D	Z <sup>o</sup> n	N	01	VOLATILES	SW8260B	A4J090226	
20_00	TH30054	7-Oct-04	OW-1	REG	Methylene chloride	0.94 J B D	ηθ/L	2	2	VOLATILES	SW8260B	A4J090226	
o∪_02	TH30055	7-Oct-04	OW-2	REG	Methane	3100 D	J∕6n	10	2	GASES	RSKSOP-175	A4J090226	
OU_02	TH30055	7-Oct-04	OW-2	REG	Chlorobenzene	1.2 J D	Zgn	ο,	~	VOLATILES	SW8260B	A4J090226	
OU_02	TH30055	7-Oct-04	OW-2	REG	Methylene chloride	2.2 B D	υg/L	2	2	VOLATILES	SW8260B	A4J090226	
00_02	TH30056	7-Oct-04	e-wo	REG	Methane	1800 D	ng/L	÷	ß	GASES	RSKSOP-175	A4J090226	
OU_02	TH30056	7-Oct-04	OW-3	REG	Methylene chloride	2.5 B D	Jon	~	~	VOLATILES	SW8260B	A4J090226	

WPAFB OU2 ROD Groundwater Analytical Data (Detects Only) - October 2004 Page 2 of 2 Table G1

GROUP	SAMPLE	SAMPLE DATE	LOCATION	SAMPLE PURPOSE	PARAMETER	RESULT QUALIFIER UNITS	UNITS	DILUTION DETECT	DETECT	USER TEST GROUP	<b>LAB МЕТ</b> НОВ	SAMPLE DELIVERY GROUP
8 00 0	TH30067	7-Oct-04	0W4	ΑB	Methane	0.18 J	76n	1	9.0	GASES	RSKSOP-175	A4J090226
8	TH30067	7-Oct-04	0W4	ΑB	Toluene	5.	Ž	-	-	VOLATILES	SW8260B	A4J090226
0	TH30067	7-Oct-04	0W4	AB	Total Xylenes	1,3	J/Gn	-	-	VOLATILES	SW8260B	A4J090226
00	TH30057	7-Oct-04	0W4	AB	Acetone	2.9 J	γģ	-	2	VOLATILES	SW8260B	A4J090226
00	TH30057	7-Oct-04	0W4	AB	Benzene	0.31 ل	rg/L	-	1	VOLATILES	SW8260B	A4J090226
20 00	TH30058	7-Oct-04	OW-4	REG	Sulfate	42800	7gn	-	1000	GENERAL CHEM	E300	A4J090226
200	_	7-Oct-04	0W4	REG	Methane	230	ηď	-	0.5	GASES	RSKSOP-175	A4J090226
8 00	TH30059	7-Oct-04	P18-1	REG	Methane	1100 D	7∕6n	2	2.5	GASES	RSKSOP-175	A4J090226
2	TH30059	7-Oct-04	P18-1	REG	Methylene chloride	0.66 JBD	γgη	8	2	VOLATILES	SW8260B	A4J090226
20 20 20	TH30060	7-Oct-04	P18-2	REG	Methane	3400 D	7/6n	10	5	GASES	RSKSOP-176	A4J090226
0	<u>.</u>	7-Oct-04	P18-2	REG	Chlorobenzene	0.57 JD	ş	CI	~	VOLATILES	SW8260B	A4J090226
00.00	_	7-Oct-04	P18-2	REG	Total Xylenes	1.2 JD	Š	C)	8	VOLATILES	SW8260B	A4J090226
0	<u>.</u>	7-Oct-04	P18-2	REG	Methylene chloride	0.91 JBD	J/Gn	2	2	VOLATILES	SW8260B	A4J090226
FIELDOC	TH30061	7-Oct-04	FIELDOC	里	Toluene	0.81 J	7/Sn	-	-	VOLATILES	SW8260B	A4J090226
FIELDOC	TH30061	7-Oct-04	FIELDOC	臣	Total Xylenes	ე.86 ე	Ŕ	-	-	VOLATILES	SW8260B	A4J090226
FIELDOC	TH30061	7-Oct-04	FIELDOC	臣	Acetone	3	JØ1	-	2	VOLATILES	SW8260B	A4J090226
FIELDOC	_	7-Oct-04	FIELDOC	酉	Benzene	0.33 J	Jgs J	-	-	VOLATILES	SW8260B	A4J090226
	J											

Notes:
This table displays only the detected parameters at each sampling location. Normal sampling locations not displayed here were either unable to be sampled or had no parameters detected.

ug/L = micrograms per Liter
FD = Field Duplicate
AB = Amblent Blank
J = Estimated Result. Result less than reporting limit.
B ≈ Method Blank Detection
D ≈ Dijuted result

**OU2 Soil Gas Analytical Data (Detects Only)** 

Table G2 WPAFB OU2 Soil Gas Analytical Data (Detects Only) - October 2004 Page 1 of 3

	:											
GROUP	SAMPLE	SAMPLE DATE	LOCATION CODE	SAMPLE PURPOSE	PARAMETER	RESULT QUALIFIER	UNITS	DILUTION	DETECT	USER TEST GROUP	LAB	SAMPLE DELIVERY GROUP
8	TH80040	25-Oct-04	ROD-OU2-SV01	REG	Carbon Dioxide	1.3	%(vy)	-	0.01	GENERAL CHEM	D1946	A4J260225
00,00	TH60040	25-04-04	ROD-OU2-SV01	REG	Methane	990000	(VV)%	-	0.0002	GENERAL CHEM	D1948	A4J260225
20.00	TH80040	25-001-04	ROD-OU2-SV01	PEG.	Oxygen	8	%(v\x)	-	0.1	GENERAL CHEM	01946	A4J260225
00_00	TH60040	26-Oct-04	ROD-OU2-SV01	REG	Ethylbenzene	0.18	궣	-	0.087	VOLATILES	_ გ	A4J260225
8	TH60040	25-Oct-04	ROD-OU2-SV01	REG	Toluene	0.34	支	-	0.075	VOLATILES	క్త	A4J260225
20_00	TH80040	25-Oct-04	ROD-OU2-SV01	REG	m,p-Xylene	0.24	ş	-	0.087	VOLATILES	<u>გ</u>	A4J280225
00_00	TH60040	25-Oct-04	ROD-OU2-SV01	REG	JP-4 (Jet Propulsion Fuel #4)	54	mg/m3	-	5.3	VOLATILES	8	A4J280225
00_02 02_02	TH60040	25-Oct-04	ROD-OU2-SV01	REG	GASOLINE	ន	mg/m3	-	7	VOLATILES	ខ្ន	A4J260225
OU 02	TH60040	25-Oct-04	ROD-OU2-SV01	REG	o-Xylene	0.058 J	νaγ	-	0.087	VOLATILES	TG3	A4J260225
%_00	TH60041	25-04-04	HOD-OU2-SV02	REG	Carbon Dioxide	3.1	(\sqrt{\sq}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}	-	0.01	GENERAL CHEM	D1946	A4J280225
00 8	TH60041	25-Oct-04	ROD-OU2-SV02	HEG	Methane	0.011	%(vv)	-	0.0002	GENERAL CHEM	01946	A4J260225
8	TH60041	28-04-04	ROD-OU2-SV02	PEG	Oxygen	- 61	%( <u>%</u> )	-	1.0	GENERAL CHEM	01946	A4J280225
8	TH60041	25-001-04	HOD-OU2-SV02	REG	Ethylbenzene	0.17	ž	-	0.087	VOLATILES	<u>ឆ</u>	A4J280225
8	TH60041	25-04-04	ROD-OU2-SV02	REG	Toluene	620	궣	-	0.075	VOLATLES	දි දි	A4J260225
8	TH60041	25-Oct-04	ROD-0U2-SV02	REG	m,p-Xylene	0.65	ğ	-	0.087	VOLATILES	28	A4J260225
8	TH80041	25-04-04	HOD-OUZ-SV02	REG	JP-4 (Jet Propulsion Fuel #4)	2	mg/m3	-	5.3	VOLATILES	_ 8	A4J280225
% 00 00	TH60041	26-04-04	HOD-OU2-SV02	REG	Benzene	0.14	정	-	0.064	VOLATILES	2	A4J260225
8	TH60041	25-00-04	ROD-OU2-SV02	REG	GASOLINE	8	mg/m3	-	7	VOLATILES	<b>5</b>	A4J260225
8 2	TH80041	25-04-04	ROD-OU2-SV02	REG	o-Xylene	0.09	UQ/	1	0.087	VOLATILES	TG	A4J260225
20,00	TH80042	25-04-04	HOD-OUZ-SV03	REG	Carbon Dioxide	9.5	(VV)%	-	10.0	GENERAL CHEM	D1946	A4J280225
8,8	TH60042	25-04-04	HOD-OU2-SV03	REG	Methane	5.6	X(v.V)	-	0.0002	GENERAL CHEM	01946	A4J260225
8	TH60042	25-04-04	ROD-OU2-SV®	REG	Oxygen	2.1	X(V)	-	 	GENERAL CHEM	D1946	A4J260225
8	TH80042	28-0g-0t	ROD-OU2-SV03	REG	Ethylbenzene	4.7	ş	-	0.087	VOLATLES	8	A4J260225
20_02	TH80042	26-001-04	ROD-OUZ-SV03	PEG	Toluene	7.1	¥	-	0.076	VOLATILES	2	A4.1260225
S 8	TH60042	26-Oct-04	ROD-OU2-SV03	REG	m,p-Xylene	=	ş	-	0.087	VOLATILES	2	A4.1260225
8-8	TH60042	26-Oct-04	ROD-OU2-SV03	REG	JP-4 (Jet Propulsion Fuel #4)	1100	mg/m3	-	<b>5.3</b>	VOLATILES	ဦ	A4J260225
8	TH80042	25-00t-04 28-00t-04	ROD-OU2-SV03	REG	Benzene	5.0	ል	-	0.084	VOLATILES	2	A4J280225
00 20	TH80042	25-Oct-04	HOD-OUZ-SV03	PEG	GASOLINE	5	Em/gm	-	Į	VOLATILES	8	A4J260225
o∪_02	TH60042	25-Oct-04	ROD-OU2-SV03	REG	o-Xylene	2.3	γon	-	0.087	VOLATILES	Tœ	A4J260225
20 <sup>−</sup> 00	TH60054	25-001-04	HOD-OUZ-SV06	<b>G</b>	Carbon Dioxide	2	%(v\v)%	-	0.01	GENERAL CHEM	D1946	A4J260225
8 <sup>-</sup> 00	TH80064	25-Oct-04	ROD-OU2-SV06	6	Methane	47	(\v\)	-	0.0002	GENERAL CHEM	D1946	A4J260225
8,	TH60064	25-Oct-04	ROD-OU2-SV08	6	Oxygen	1.7	(\v\)	-	0.1	GENERAL CHEM	01946	A4J260225
8-8	TH60054	25-001-04	HOD-OU2-SV06	6	Ethylbenzene	٠	ğ	8	80	VOLATILES	200	A4J260225
8 8	TH90054	25-Oct-04	ROD-OU2-SV06	e	Toluene	100	4	8	6.0	VOLATLES	6 1	A4J260225
8	TH60064	25-0ct-04	ROD-OU2-SV06	<u>و</u> د	m,p-Xylene	110 D	궣.	8 8	æ (	VOLATILES	3 5	AAJZBUZZB
8	TH80064	28-Oct-04	HOD-OUZ-SV06	2 8	JP-4 (Jet Propulsion Fuel #4)	0 00061	E L	8 8	3	VOLATIES	3 5	A4 100000E
8 8	1180084	10 to 10 to	HOD-OUZ-SV06	2 6	Derizerie	2 6 6	100	8 8	9 6	VOI ATILES	3 2	A4 (26)226
8 8 8 8	1100064	500	900-005-3V6	2 6	CASOCINE	2 5	2 5	8 8	§ «	VOLATIFS	3 5	A4.1280225
3 8	1 100045	3 2 3	200-000	010	appoint codes		(VV)	-	001	DENEBAI CHEM	DIBLE	A4 1260225
8 8	10000	500	9019 5170		The state of the s	- 4	(A/A) X			GENEDAL CHEM	20.0	A4 1280225
8 8	1160643	1 2 2	80/5-20-00H	0	a cond	? :	K(V)		1	GENERAL CHEM	0.1946	A4.1260225
8 8	THEODER	25.04.0	BOD-OILS-SVOR	1 H	Ethylpanzana	. 4	, V	- &	•	VOLATLES	20	A4J260225
3 5	THEODES	25-04-04-04-04-04-04-04-04-04-04-04-04-04-	BOD-012-8V08	E E	Toluene	110 D	/on	8	6.9	VOLATILES	2	A4J280225
8 5	THEODES	20.50	BOD-002-8V08	BEG	enelyX-d.E.	20.02	, da	8	80	VOLATLES	50	A4J280225
8 8	TH80043	25-Oct-04	ROD-0U2-8V08	REG	JP-4 (Jet Propulsion Fuel #4)	20000 B D	mg/m3	8	987	VOLATILES	පු	A4J260225
8	TH60043	25-Oct-04	ROD-OU2-SV08	REG	Benzene	170 D	궣	88	5.9	VOLATILES	පු	A4J280225
8	TH60043	25-04-04	ROD-OU2-SV08	REG	GASOLINE	16000 B D	mg/m3	8	380	VOLATILES	වූ	A4J280225
OU_02	TH60043	25-Oct-04	ROD-OU2-SV08	REG	o-Xylene	9.7 D	7/20	28	8	VOLATILES	28	A4J280225

Table G2 WPAFB OU2 Soll Gas Analytical Data (Detects Only) - October 2004 Page 2 of 3

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	SAMPLE DELIVERY GROUP	A4J280225	A4.1260225	A4J280225	A4 1260225	A4J280225	A4J260225	AAJ280225	A4J260225	A4.)260225	A4.1280225	A4.196025	A4.1260225	A4.1280225	A4J260225	A4J260225	AAJ280225	A4J260225	A4J260225	AAJ280225	A4.1280225	A4J260225	AA.1280225	AA.)260225	A4.280225	A4.1260225	A4J280225	A4J280225	A4J280225	AAJ280225	A4J260225	A4J260225	A4.280225	A4J260226	A4.090225	A4 IORODE	44 (Denotes	A-2002CB	A4.1280225	A4.J280225	A4J260225	A4.7260225	A4J280225	A4J280225	AA.280225	A4J280225
١	METHOD	D1946	01946	5	3 2	<u> </u>	8	දු	8	8	01946		2 2	<u> </u>	වු	8	8	8	2	01946	01948	01946	8	8	<u>8</u> 8	3 2	D1946	01946	D1948	ဋ	క్ర	8	8	3 2	3 2	S S S	2 6		01946	8	8	2	8	පු	ద్ద	ខ្ម
	USER TEST GROUP	GENERAL CHEM	GENERAL CHEM	GENERAL CHEM	VOLATES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	GENERAL CHEM	GENERAL CHEM	VO ATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	GENERAL CHEM	GENERAL CHEM	GENERAL CHEM	VOLATILES	VOLATILES	VOLATILES	VOLATILES	GENERAL CHEM	GENERAL CHEM	GENERAL CHEM	VOLATILES	VOLATILES	VOLATILES	VOLATRES	VOLATES	VOLATEES	GENERA! CHEM	GENEDA! CLEM	GENERAL CHEM	GENERAL CHEM	VOLATLES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
	DETECT	0.01	0.0002	0.1	0.087	0.087	5.3	0.064	\$	0.087	0.01	0.000	- 6	9 40	8.	110	1,3	8	1.8	0.01	0.0002	0,1	0.087	0.075	0.067	. T	0.01	0.0002	0.1	0.087	0.075	0.087	5.3	0.064	1,40	200	200	2000	0.1	9.	1.6	6.	110	1.3	88	1.8
	DILUTION	-	_		- •		-	-	-	-	- ,		- 7		. 2	. 2	12	2	21	1	-	-	-	-			-	_	+-	-	-	-	-	- ,	- •		- •	-	-	2	24	23	21	21	24	21
	UNITS	(NN)%	%(v\)	(\v\)	\$ 1	4	Em/m	Ą	mg/m3	700	%(vv)	K (v.k.)	) (A)	\$ 5	ğ	mom3	ğ	mg/m3	ug/L	(A/A)%	%(v/v)	<b>%</b> (v/v)	ቅ	ል	<b>1</b>		(//\/	(VV)	(VV)%	Ą	γgη	ል	mg/m3	ž.	Em/m3	7,44	(A/A) &	(A/A)&	( <u>^</u> / %	γgγ	γ	γøγ	mg/m3	Ŋ	mg/m3	uo/L
	RESULT QUALIFIER	9.2	ĸ;	<b>6</b> 0 (	٠. ز	5.6	9	e		2		δħ		2 2	2 86	7800 D	8	7300 D	.7 D	4	9	83	0.034 J	- S	0.1	¥ :	3.3	: 82	19	0.053 J	- G	<u> </u>	ଷ		- F		9 9		7	380	340	78.0	8500 D	46 D	٥٥	9.7 0
	RESU	8	-	<del>-</del> '	•	f kó	8	5.3	25	15	7:	- •		•		78/	_	8	2	720'0	0.00048		8 8	0.035	o '	_	ို	0,0033	_	0.0	0.089	0.18	-	0.034	2 5	3	<b>1</b>	· 		<u>ო</u>	(·)		33	_	510	6
	PARAMETER RESUI	Carbon Dioxide 9	-	Oxygen	Ethylbenzene 1.		Fuel #4)		ш		••	a control				Fuel #4) 78	_		o-Xylene 5	Carbon Dioxide 0.07	0.0					TAL CONTROL TOWN	9			2	Toluene 0.06	m,p-Xylene 0.1	n Fuel #4)		GASOLINE	1				2	Toluene	m,p-Xytene	Fuel #4)			
		Carbon Dioxide	Methane			m.v.Xvene	JP-4 (Jet Propulation Fuel #4)	Benzene	GASOLNE	o-Xylene	Carbon Dioxide		Ethebases	Tolliane	merx-o-m	JP-4 (Jet Propulation Fuel #4)	Веплен	GASOLINE		Carbon Dioxide	Methans 0.00	Oxygen	Ethylbenzene	Toluene		TATE CONTROL TO SECTION AND THE SECTION AND TH	Carbon Dioxida	Methane	Oxygen	Ethylbenzene		m,p-Xylene	JP-4 (Jet Propulsion Fuel #4)	Benzene		Carton Divide	בייייייייייייייייייייייייייייייייייייי	Methana	Oxygen	Ethylbenzene		m,p-Xylene	JP-4 (Jet Propulsion Fuel #4)	Benzene	GASOLINE	o-Xytene
	PARAMETER	REG Carbon Dioxide	PEG Methans	S G	Tolinge		REG JP-4 (Jet Propulation Fuel #4)	Benzene	REG GASOLINE	REG o-Xylene	REG Carbon Dioxide	BIN DAW	DEG ENAPPORTE	DEG Tollane	BEG m.p.XMene	DEG JP-4 (Jet Propulation Fuel #4) 78	REG Benzene	REG GASOLNE	o-Xytene	AB Carbon Dioxide	AB Methans 0.00	AB Oxygen	AB Ethylbenzene	AB Toluene	AB m.p-Xylene	TATE CONTROL TO SECTION AND THE SECTION AND TH	HEG Carbon Dioxida	REG Wethane	REG Oxygen	REG Ethylbenzene	Toluene	REG m,p-Xylene	REG JP.4 (Jet Propulsion Fuel #4)	REG Benzene	REG GASOLINE	Carton Divide		THE	REG Oxygen	REG Ethylbenzene	Toluene	m,p-Xylene	REG JP-4 (Jet Propulsion Fuel #4)	REG Benzene	GASOLINE	REG 0-Xylene
	SAMPLE PARAMETER PURPOSE	REG Carbon Dioxide	ROD-OU2-SV07 REG Methans	ROD-OU2-SV07 REG	HEG ETTMOBILE	BOD-OUZ-SVO7 PEG D.D. XMOD	ROD-OU2-SV07 REG JP-4 (Jet Propulation Fuel #4)	ROD-OU2-SV07 REG Benzene	ROD-OU2-SV07 REG GASOLINE	REG o-Xylene	HOD-OUZ-SV08 REG Carbon Dioxide		DEC CANONICA	POD-OCTOR REG TAINER	HOD-CV2-SVOR BEG m.p.XMene	ROD-OU2-SV06 REG JP-4 (Jet Propulsion Fuel #4) 78	ROD-OU2-SV06 REG Benzene	ROD-OUZ-SYDS REG GASOLINE	REG 0-Xylene	ROD-OU2-SV09 AB Carbon Dioxide	ROD-OU2-SV09 AB Methans 0.00	ROD-OU2-SV06 AB Oxygen	ROD-OU2-SV09 AB Ethylbenzene	ROD-OU2-SV09 AB Toluene	ROD-OU2-SV09 AB n.p-Xylene	AN CAR TOPUROUS AND AND AND AND AND AND AND AND AND AND	ROD-OU2-SV09 REG Carbon Dioxida	ROD-OU2-8V09 REG Wethane	ROD-OU2-SV09 REG Oxygen	ROD-OU2-SV09 REG Ethylbenzene	HEG Toluene	REG m,p-Xylene	ROD-OU2-SV09 REG JP-4 (Jet Propulsion Fuel #4)	ROD-OU2-SV09 REG Benzene	AOD-OU2-SV09 REG GASOLINE	Spirit cotton		HOU-COS-6V10 HEE	. ROD-OU2-SV10 REG Oxygen	ROD-OU2-SV10 REG Ethylbenzene	REG Toluene	REG m.p-Xylene	ROD-OU2-SV10 REG JP-4 (Jet Propulsion Fuel #4)	ROD-OU2-SV10 REG Benzene	ROD-OU2-SV10 REG GASOLINE	ROD-OU2-SV10 REG O-Xylene
	LOCATION CODE RAMPLE PARAMETER	1 ROD-OU2-SV07 REG Carbon Dioxida	25-Oct-04 ROD-OU2-SV07 REG Methans	25-Oct-04 ROD-OU2-SV07 REG	HOU-OUZ-SV07 HELD ETTY/ID-IZ-BIN	25-Oct-04 ROD-OUS-SV07 REG m.p. Xvens	25-Oct-04 ROD-OU2-SV07 REG JP-4 (Jet Propulation Fuel #4)	25-Oct-04 ROD-OU2-SV07 REG Benzene	25-Oct-04 ROD-OU2-SV07 REG GASOLINE	ROD-OU2-SV07 REG o-Xylene	25-Oct-04 ROD-OUZ-SV08 REG Carbon Dioxide				25-Oct-04 ROD-OUS-SVOR REG m.p-Xviene	25-Oct-04 ROD-OU2-SV08 REG JP-4 (Jet Propulsion Fuel #4) 78	25-Oct-04 ROD-OU2-SV08 REG Benzene	25-Oct-04 ROD-OUZ-SY08 REG GASOLINE	ROD-OU2-SV08 REG 0-Xylene	25-Oct-04 ROD-OU2-SV09 AB Carbon Dioxide	25-Oct-04 ROD-OU2-SV09 AB Methans 0.000	25-Oct-04 ROD-OU2-SV09 AB Oxygen	25-Oct-04 ROD-OU2-SV09 AB Ethylbenzene	25-Oct-04 ROD-OU2-SV09 AB Toluene	25-Oct-04 ROD-OU2-SV09 AB m.p-Xylene	AN COACO	25-Oct-04 ROD-OU2-SV09 REG Carbon Dioxide	25-Oct-04 ROD-OU2-3V09 REG Methans	25-Oct-04 ROD-OUZ-SV09 REG Oxygen	25-Oct-04 ROD-OU2-SV09 REG Ethylbenzene	ROD-OU2-SV09 REG Toluene	ROD-OU2-SV09 REG m.p-Xylene	25-Oct-04 ROD-OU2-SV09 REG JP-4 (Jet Propulsion Fuel #4)	25-Oct-04 ROD-OU2-SV09 REG Benzene	25-Oct-04 ROD-OUZ-SV09 REG GASOLINE	ACC-CAVOR DEG CAVOR OF COMPANY		25-CG-04 HOU-OUS-W10 HING Members	25-Oct-04 ROD-OU2-SV10 REG Oxygen	25-Oct-04 ROD-OU2-SV10 REG Ethylbenzene	ROD-OU2-SV10 REG Toluene	25-Oct-04 ROD-OU2-SV10 REG m.p-Xylene	25-Oct-04 ROD-OU2-SV10 REG JP-4 (Jet Propulation Fuel #4)	25-Oct-04 ROD-OU2-SV10 REG Benzene	25-Oct-04 ROD-OU2-SV10 REG GASOLINE	25-Oct-04 ROD-OU2-SV10 REG - Vyvene

# WPAFB OU2 Soil Gas Analytical Data (Detects Only) - October 2004 Page 3 of 3 Table G2

GROUP	SAMPLE	SAMPLE DATE	LOCATION CODE	SAMPLE	PARAMETER	RESULT QUALIFIER	UNITS	DILUTION	DETECT	USER TEST GROUP	METHOD	SAMPLE DELIVERY GROUP
00 05	TH60045	27-Oct-04	AOD-OU2-SV11	5	Carbon Dioxide	7.2	%(vv)	-	0.01	GENERAL CHEM	D1946	A4J280228
8	TH60045	27-00-04	ROD-OU2-SV11	5	Oxygen	6.8	%(v\v)	-	0.1	GENERAL CHEM	D1946	A4J280226
8,8	TH60045	27-001-04	ROD-OU2-SV11	6	Ethylbenzene	0.022 J	Ą	-	0.087	VOLATLES	8	A4J280226
OO_02	TH60045	27-04-04	Rop-ouz-SV11	6	m,p-Xylene	0.075 J	충	-	0.087	VOLATILES	ខ្ន	A4J280226
8	TH60045	27-00-04	ROD-OU2-SV11	5	JP-4 (Jet Proputsion Fuel #4)	4.7 JB	то/ш3	-	5.3	VOLATILES	2	A4J280228
20,00	TH60045	27-001-04	ROD-0U2-SV11	£	GASOLINE	4.3 B	mg/m3	-	4.1	VOLATILES	8	A4J280228
20,00	TH60050	27-Oct-04	ROD-0U2-SV11	REG	Carbon Dioxide	6.3	(\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	_	0.01	GENERAL CHEM	01946	A4J280228
00 08	TH60050	27-Oct-04	ROD-OU2-SV11	REG	Methane	0.00012 J	%( <b>\</b> \\)	-	0.0002	GENERAL CHEM	D1946	A4J280228
20,00	TH60050	27-04-04	ROD-OU2-SV11	REG	Oxygen	6.9	(VV)%	-	0.1	GENERAL CHEM	D1946	A4J280226
OU_02	TH60050	27-04-04	ROD-OU2-SV11	REG	Ethylbenzene	0.019 J	ž	-	0.087	VOLATILES	2	A4J280226
00_02	TH60050	27-04-04	ROD-OU2-SV11	REG	m.p-Xylene	0.062 J	ş	-	0.067	VOLATILES	5	A4J280226
&_8	TH60050	27-Oct-04	ROD-OU2-SV11	REG	JP-4 (Jet Propulsion Fuel #4)	6.2 B	Em/gm	-	5.3	VOLATILES	ဦ	A4J280228
20,00	TH60050	27-001-04	HOD-OU2-SV11	REG	GASOLINE	5,7 8	mg/m3	-	4.1	VOLATLES	ŢĞ	A4J280228
8  S	TH60052	25-0ct-04	ROD-OU2-SV13	REG	Carbon Dioxide	2.5	(A/V)%		0.01	GENERAL CHEM	D1946	A4J280225
00_02	TH60052	25-0ct-04	ROD-0U2-8V13	REG	Methane	0.00015 J	(VV)%	-	0.0002	GENERAL CHEM	01946	A4J260225
20,00	TH80052	25-Oct-04	ROD-OU2-SV13	REG	Oxygen	8	(VV)	-	6.3	GENERAL CHEM	01946	A4J260225
00 00	TH60052	25-Oct-04	ROD-OU2-SV13	REG	Ethylbenzene	0.037 J	첳	-	0.087	VOLATILES	2	A4J280225
8 -8	TH60052	25-001-04	ROD-OU2-SV13	REG	Toluene	0.062 J	Ϋ́	-	0.075	VOLATILES	<u>გ</u>	A4J280225
S. S.	TH60052	26-0ct-04	ROD-OU2-SV13	REG	m.p-Xytene	0.11	ğ	-	0.087	VOLATILES	క్ర	A4J280225
8	TH60052	28-04-04	ROD-0U2-SV13	REG	JP-4 (Jet Propulsion Fuel #4)	6.7	Em/gm	_	5.3	VOLATLES	8	A4J280225
20,00	TH60062	25-001-04	ROD-OU2-SV13	REG	GASOLINE	7.3	mg/m3	-	4.1	VOLATLES	<b>1</b> 8	A4J260225
8	TH60063	28-04-04	ROD-OU2-SV14	PEG	Carbon Dioxide	11	%(v/v)	-	0.01	GENERAL CHEM	D1946	A4.1260225
8,00	TH60063	26-04-04	ROD-OU2-SV14	PEG	Methane	96.0	%(VV)	-	0.0002	GENERAL CHEM	D1946	A4J260225
8 8	TH60063	25-00-04	ROD-OUZ-SV14	PEG	uediko	1.2	×(^\	-	<b>0.1</b>	GENERAL CHEM	20.00	A4.280226
% -00	TH60053	28-04-04	HOD-0U2-SV14	REG	Ethylbenzene	160 0	Yon	8	80	VOLATILES	<u>გ</u>	A4.1260225
8-23 -23	TH60053	25-Oct-04	HOD-0U2-SV14	REG	Toluene	340 D	Ą	8	6.9	VOLATLES	ဦ	A4J280225
oU_02	TH60053	25-001-04	ROD-OU2-SV14	REG	m,p-Xylene	400 D	형	8	60	VOLATILES	<u>გ</u>	A4J260225
o∪_02	TH60053	25-Oct-04	ROD-OU2-SV14	REG	JP-4 (Jet Propulsion Fuel #4)	28000 D	mg/m3	8	8	VOLATILES	<u>გ</u>	A4J260225
20,00	TH60053	25-Oct-04	ROD-0U2-SV14	REG	Benzene	160 D	Ž,	8	5.9	VOLATILES	ဦ	A4J280226
00_02	TH60053	25-001-04	ROD-0U2-SV14	REG	GASOLINE	26000 D	mg/m3	8	980	VOLATILES	8	A4J260225
00_02	TH60053	25-Oct-04	ROD-0U2-SV14	REG	o-Xylene	52 D	VO/L	8	8	VOLATILES	T	A4J280225
00_02	TH60055	25-Oct-04	ROD-OU2-SV15	REG	Carbon Dioxide	2.5	%(vv)	-	0.01	GENERAL CHEM	D1946	A4J260225
00 <sup>-</sup> 05	TH60055	25-Oct-04	ROD-OU2-SV15	REG	Methane	0.00099	(VV)	-	0.0002	GENERAL CHEM	01946	A4J260225
20_20 _02	TH60055	25-Oct-04	ROD-OU2-SV15	REG	Oxygen	6	%( <b>^</b> / <b>^</b> )%	-	<u>.</u> .	GENERAL CHEM	01946	A4J280225
00_02	TH60055	25-Oct-04	ROD-OU2-SV15	HEG	Ethylbenzene	0.046 J	No.	-	0.087	VOLATILES	2	A4J260225
8	TH60065	26-04-04	ROD-OU2-SV16	REG	Toluene	0.064 J	76h	-	0.075	VOLATLES	<u>გ</u>	A4J260225
20_00	TH60065	26-Oct-04	ROD-OU2-SV16	REG	m,p-Xylene	0.16	γon	-	0.087	VOLATILES	ဦ	A4J260225
8,8	TH60065	25-04-04	ROD-0U2-SV15	REG	JP-4 (Jet Propulsion Fuel #4)	÷	еш/бш	-	6.3	VOLATILES	ទ្ធ	A4J280225
20 <sup>−</sup> 05	TH60055	25-001-04	HOD-0U2-9V15	REG	Benzene	0.024 J	ል	_	0.084	VOLATILES	<u>ğ</u>	A4J260226
o∪_02	TH60056	25-Oct-04	ROD-OU2-SV15	PEG	GASOLINE	=	mg/m3	-	Ţ	VOLATILES	ဦ	A4J280225
00 05	TH60055	25-0ct-04	ROD-OU2-SV15	REG	o-Xylene	0,028 J	NO/L	-	0.087	VOLATILES	ဦ	A4J260225

Notes:
The table displays only the detected parameters at each eampling location. Normal sampling locations not displayed here were either unable to be sampled or had no parameters detected.

ug/L = micrograms per Liter

VB = Field Duplicate

AB = Field Duplicate

AB = Mahiert Blank

J = Estimated Result. Result less than reporting limit.

B = Method Blank Detection

D = Diluted result.

#### Appendix H

Basewide LTM Groundwater Purge Logs and Sample Collection Forms

Bill of Lading from Perma-Fix – October

#### Appendix I

#### **Basewide LTM Chain of Custody Records**

## Appendix J

Basewide LTM Semiannual VOCs Analytical Data (Detects Only)

Table J1
WPAFB LTM Basewide VOC Analytical Data (Detects Only) - October 2004
Para 1 of 5

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Table J1
WPAFB LTM Basewide VOC Analytical Data (Detects Only) - October 2004
Page 2 of 5

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| SAMPLE DELIVERY<br>GROUP | A4J220155   | A4J220155   | A4J220155<br>A4J220155  | A4 1000023  | 44 1000003  | A4J090223  | AAJ220155  | A4J220155   | A4J220155   | A4J090223   | A4J090223   
   
   
   
   
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   | A4J140111  | A4J140111  | A4J220155  | A4J220155  | A4J220155   
   | A4J220155  | A4J220155   | A4J220155   | A4J220155   | A4J090223   | A4J090223  | A4.1090223<br>A4.1090223  
   | AA 14 A0 4 4 4  |
| LAB METHOD               | SW8260B   | SW8260B   | SW8260B   | SWASAOB   | CACODO  | SW8260B  | SW8260B  | SW8260B   | SW8260B   | SW8260B   | SW8260B   
   
   
   
   
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| USER TEST<br>GROUP       | VOLATILES   | VOLATILES   | VOLATILES   | VOI ATH ES  | STATE OF  | VOLATILES  | VOLATILES  | VOLATILES   | VOLATILES   | VOLATILES   | VOLATILES   
   
   
   
   
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   | 0.24.3   | 4.4  | 1.3  | 0.2 J  | 0.77  
   | 0.92 J   | ი.69 ე  | 0.37 J  | 4.2   | 11  | 9:0  | 0.73 J  
   | 5.4   |
| PARAMETER                | cls-1,2-Dichloroethene  | Trichloroethene   | cis-1,2-Dichloroathene  | Chlorobertane   |   | ds-1,2-Uichioroethene<br>Acetone   | Acetone  | Chloromethane   | Vinyl chloride  | cis-1,2-Dichloroethene  | Acetone   
   
   
   
   
   | 1,1,1-Trichloroethane   | Vinyl chloride   | 1,1-Dichloroethane  | Trichloroethene   | cis-1,2-Dichloroethene  | Acetone   | cis-1,2-Dichloroethene                                 
   
   
   
   | trans-1,2-Dichloroethens  
   
   
   | 1,1-Dichloroethane  
   | Trichloroethene  | cis-1,2-Dichloroethene   | Acetone   | 1,1,1-Trichloroethane  | Trichloroethene   | cis-1,2-Dichloroethene   | 1,1,1-Trichloroethane  | Inchloroemene  | cis-1,2-Dichioroemene   
   | 1 1-Dichloroethane   | Trichloroethene  | Chlorobenzene  | Tetrachloroethene  | cis-1,2-Dichloroethene  
   | Acetone  | 1,1,1-Trichloroethane   | 1,1-Dichloroethane  | Trichloroethene   | Tetrachloroethene   | cis-1,2-Dichloroethene   | 1,1,1-Trichloroethane   
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   | מבול  |
| LOCATION CODE            | 05-DM-123S  | 05-DM-123S  | 05-DM-123S  | 03-DM-12-33   | M-070-/0  | 07-520-M   | FTA2:MW02C   | FTA2:MW02C  | FTA2:MW02C  | BMP-0U4-01B-60  | BMP-0U4-01B-60  
   
   
   
   
   | BMP-0U4-01B-60  | BMP-0U4-01B-60   | BMP-0U4-01B-60  | BMP-0U4-01B-60  | BMP-0U4-01C-84  | BMP-0U4-01C-84  | OU4-MW-02A   
   
   
   
   | OU4-MW-02A  
   
   
   | OU4-MW-02A  
   | OU4-MW-02A   | OU4-MW-02B   | OU4-MW-02B  | OU4-MW-02B   | OU4-MW-02B  | OU4-MW-02B   | OU4-MW-02B   | OU4-MW-UZB   | 004-MW-038  
   | OU4-MW-03B   | OU4-MW-03B   | OU4-MW-03C   | OU4-MW-03C   | OU4-MW-03C  
   | OU4-MW-03C   | OU4-MW-03C  | OU4-MW-03C  | OU4-MW-03C  | OU4-MW-12B  | OU4-MW-12B   | OU4-MW-12B  
   | 004-MW-120  |
| SAMPLE<br>DATE           | 21-Oct-04   | 21-0ct-04   | 21-04-04  | 45-15-15  | 5-5-6   | \$ 60<br>60<br>60<br>60<br>60<br>60<br>60<br>60<br>60<br>60<br>60<br>60<br>60<br>6   | 21-04-04   | 21-00-04  | 21-00-04  | 8-Oct-04  | 8-Oct-04  
   
   
   
   
   | 8-0ct-04  | 8-Oct-04   | 8-00-04   | 8-0ct-04  | 8-00-04   | 8-Oct-04  | 8-Oct-04   
   
   
   
   | 8-Oct-04  
   
   
   | 8-0ct-04  
   | 8-Oct-04   | 8-Oct-04   | 8-Oct-04  | 8-Oct-04   | 8-Oct-04  | 8-Oct-04   | 8-Oct-04   | 40-50-8  | 12-04-04  
   | 12-04-04   | 12-04-04   | 19-Oct-04  | 19-Oct-04  | 19-Oct-04   
   | 19-Oct-04  | 19-0ct-04   | 19-Oct-04   | 19-Oct-04   | 8-Oct-04  | 8-Oct-04   | 8-04-04<br>04-04-04   
   | 5-50-6  |
| SAMPLE                   | LH30152   | LH30152   | LH30163   | LU30133   | 1000  | LH30154  | LH30180  | LH30180   | LH30180   | LH30166   | LH30166   
   
   
   
   
   | LH30166   | LH30166  | LH30166   | LH30166   | LH30167   | LH30167   | LH30206  
   
   
   
   | LH30205   
   
   
   | LH30205   
   | LH30205  | LH30206  | LH30206   | LH30206  | LH30206   | LH30207  | LH30207  | LH3020/  | LH30208   
   | LH30208  | LH30208  | LH30209  | LH30209  | LH30209   
   | LH30209  | LH30209   | LH30209   | LH30209   | LH30211   | LH30211  | LH30211   
   | L 1302   1  |
| GROUP                    | 80_00<br>00_08  | യ ന   | න_<br>ල<br>ව  | 3 3   | 3,8   | 8 8  | 80 00  | 8 70  | 8 8   | S<br>20-  | 90,00   
   
   
   
   
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   | 000  | 00,00   | 90  | 9   | 00_Q  | 00_0   | S 5   
   | 3 6   |
|                          | SAMPLE SAMPLE LOCATION CODE PURPOSE PARAMETER RESULT QUALIFIER UNITS FACTOR LIMIT GROUP LAB METHOD SAMP | SAMPLE SAMPLE LOCATION CODE PURPOSE PARAMETER RESULT QUALIFIER UNITS FACTOR LIMIT GROUP LAB METHOD LH30152 21-Oct-04 05-DM-1235 FD cie-1,2-Dichloroethene 0.7 ug/L 1 0.5 VOLATLES SW8260B | SAMPLE<br>NOLOCATION CODE<br>DATESAMPLE<br>PURPOSEPARAMETER<br>PURPOSEPARAMETER<br>PURPOSERESULT QUALIFIER<br>TOTON COLOGOUNITS<br>FACTORPARAMETER<br>LMITPARAMETER<br>GROUPLAB METHOD<br>APACTORLH3015221-Oct-04<br>21-Oct-0405-DM-123S<br>05-DM-123SFDTrichloroethene<br>Trichloroethene0.7<br>2.5ug/L<br>110.5<br>2VOLATLES<br>VOLATLES<br>SW8260B | SAMPLE         SAMPLE         LOCATION CODE         SAMPLE         PARAMETER         RESULT QUALHER         UNITS         DILUTION DETECT         USER TEST         LAB METHOD           NO         DATE         LH30152         21-Oct-04         06-DM-1235         FD         cie-1,2-Dichloroethene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         06-DM-123S         FD         Trichloroethene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         06-DM-123S         FEG         cie-1,2-Dichloroethene         0.64         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         06-DM-123S         FEG         cie-1,2-Dichloroethene         0.64         1         0.5         VOLATLES         SW8260B | SAMPLE         SAMPLE         LOCATION CODE         SAMPLE         PARAMETER         RESULT QUALHER         UNITS         DILUTION DETECT         USER TEST         LAB METHOD           LH30152         21-Oct-04         05-DM-123S         FD         cie-1,2-Dichloroethene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         FEG         cie-1,2-Dichloroethene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         05-DM-123S         REG         cie-1,2-Dichloroethene         0.64         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         05-DM-123S         REG         Trichloroethene         0.64         1         0.5         VOLATLES         SW8260B           LH30163         21-Oct-04         05-DM-123S         REG         Trichloroethene         2.3         ug/L         1         0.5         VOLATLES         SW8260B | SAMPLE         SAMPLE         LOCATION CODE         SAMPLE         PARAMETER         RESULT QUALIFIER         UNITS         PARAMETER         RESULT QUALIFIER         UNITS         PARAMETER         LAB METHOD           LH30152         21-Oct-04         05-DM-123S         FD         cie-1,2-Dichloroethene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         05-DM-123S         FD         Trichloroethene         2.5         ug/L         1         2         VOLATLES         SW8260B           LH30153         21-Oct-04         05-DM-123S         REG         Chichloroethene         0.64         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         05-DM-123S         REG         Trichloroethene         2.3         ug/L         1         0.6         VOLATLES         SW8260B           LH30154         8-Oct-04         07-520-M         REG         Chicrobenzene         0.85 J         ug/L         1         1         VOLATLES         SW8260B | SAMPLE         CATION CODE         SAMPLE         PARAMETER         RESULT QUALHER         UNITS         PALUTION DETECT         USER TEST         LAB METHOD           NO         DATE         LH30152         21-Oct-04         06-DM-1235         FD         cie-12-Dichloroethene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         06-DM-1235         FD         Trichloroethene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         06-DM-1235         REG         cie-12-Dichloroethene         0.64         ug/L         1         0.5         VOLATLES         SW8260B           LH30164         8-Oct-04         07-520-M         REG         Chichloroethene         0.85 J         ug/L         1         0.6         VOLATLES         SW8260B           LH30164         8-Oct-04         07-520-M         REG         cie-12-Dichloroethene         0.85 J         ug/L         1         VOLATLES         SW8260B           LH30164         8-Oct-04         07-520-M         REG         cie-12-Dichloroethene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30164 | SAMPLE         CATION CODE         SAMPLE         PARAMETER         RESULT QUALIFIER         UNITS         PALUTION DETECT         USER TEST         LAB METHOD           LH30152         21-Oct-04         06-DM-1235         FD         cie-12-Dichloroethene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         06-DM-1235         FD         Trichloroethene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         06-DM-1235         REG         cie-12-Dichloroethene         0.64         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         8-Oct-04         07-520-M         REG         Chichloroethene         0.85 J         ug/L         1         0.0         VOLATLES         SW8260B           LH30154         8-Oct-04         07-520-M         REG         cie-12-Dichloroethene         0.85 J         ug/L         1         VOLATLES         SW8260B           LH30154         8-Oct-04         07-520-M         REG         cie-12-Dichloroethene         0.25 J         ug/L         1         0         VOLATLES         SW8260B           LH30164         8-Oct-04 | SAMPLE         CATION CODE         SAMPLE         PARAMETER         RESULT QUALIFIER         UNITS         PALUTION DETECT         USER TEST         LAB METHOD           NO         DATE         LH30152         21-Oct-04         05-DM-123S         FD         cie-1,2-Dichloroethene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         FEG         cie-1,2-Dichloroethene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         05-DM-123S         REG         cie-1,2-Dichloroethene         0.64         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         8-Oct-04         07-520-M         REG         cie-1,2-Dichloroethene         0.85 J         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         8-Oct-04         07-520-M         REG         cie-1,2-Dichloroethene         0.25 J         ug/L         1         0         VOLATLES         SW8260B           LH30154         8-Oct-04         07-520-M         REG         cie-1,2-Dichloroethene         0.25 J         ug/L         1         0         VOLATLES         < | SAMPLE         LAMPLE         PARAMETER         RESULT QUALHER         UNITS         PALUTION         DETECT         USER TEST         LAB METHOD           NO         DATE         LOCATION CODE         PURPOSE | SAMPLE         CATION CODE         SAMPLE         PARAMETER         RESULT QUALHER         UNITS         PALUTION DETECT         USE TEST         LAB METHOD           NO         DATE         LOCATION CODE         PURPOSE <th>SAMPLE         SAMPLE         CATION CODE         SAMPLE        
PARAMETER         RESULT QUALIFIER         UNITS         DILUTION         DEFECT         USER TEST         LAB METHOD           LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         05-DM-123S         REG         Trichloroethene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         05-DM-123S         REG         Trichloroethene         2.3         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         8-Oct-04         07-520-M         REG         Chlorobenzene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30164         8-Oct-04         67-520-M         REG         Chlorobenzene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30164         8-Oct-04</th> <th>SAMPLE         CAMPLE         LACATION CODE         PARAMETER         RESULT QUALIFIER         UNITS         PARAMETER         RESULT QUALIFIER         UNITS         PARTECT         USER TEST         LABRETOR</th> <th>SAMPLE         COCATION CODE         SAMPLE         PARAMETER         RESULT QUALIFIER         UNITS         PALTON         LIMIT         OSE TEST TEST         LAB METHOD           NO         DATE         LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethere         0.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethere         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         05-DM-123S         REG         Trichloroethere         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         8-Oct-04         05-DM-123S         REG         Trichloroethere         2.3         ug/L         1         VOLATLES         SW8260B           LH30154         8-Oct-04         07-520-M         REG         Trichloroethere         2.3         ug/L         1         VOLATLES         SW8260B           LH30154         8-Oct-04         07-520-M         REG         Acetone         2.2 J         ug/L         1         VOLATLES         SW8260B           LH30160         21-Oct-04         &lt;</th> <th>SAMPLE         SAMPLE         LOCATION CODE         SAMPLE         PARAMETER         RESULT QUALIFIER         UNITS         FACTOR         LIMIT         GROUP         LAB METHOD           LH30162         21-Oct-04         05-DM-123S         FD         Trichloroethene         2.5         Ug/L         1         2         VOLATLES         SW8260B           LH30162         21-Oct-04         05-DM-123S         FD         Trichloroethene         2.5         Ug/L         1         2         VOLATLES         SW8260B           LH30163         21-Oct-04         05-DM-123S         REG         Trichloroethene         2.5         Ug/L         1         2         VOLATLES         SW8260B           LH30163         21-Oct-04         05-EDM-123S         REG         Trichloroethene         2.3         Ug/L         1         2         VOLATLES         SW8260B           LH30164         8-Oct-04         07-820-M         REG         Childrobentene         0.25 J         Ug/L         1         0.0         VOLATLES         SW8260B           LH30164         8-Oct-04         67-S20-M         REG         Acetone         0.25 J         Ug/L         1         0.0         VOLATLES         SW8260B           LH30160</th> <th>SAMPLE         COATION CODE         PARAMETER         RESULT QUALIFIER         UNITS         FACTOR         LIMIT         GARTIES         LAB METHOD           LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethene         0.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         REG         Trichloroethene         0.54         1         0.5         VOLATLES         SW8260B           LH30154         6-Oct-04         05-DM-123S         REG         Trichloroethene         0.25         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         6-Oct-04         07-620-M         REG         Choloroethene         0.25         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         6-Oct-04         07-620-M         REG         Acetone         0.25         ug/L         1         0.0         VOLATLES         SW8260B           LH30160         6-Oct-04         67-620-M         REG&lt;</th> <th>SAMPLE         SAMPLE         CACATION CODE         SAMPLE         PARAMETER         RESULT QUALLIFIER         UNITS         PALTICOR         LIMIT         GROUP         LAB METHOD           LH30152         21-Oct-04         06-DM-123S         FD         cle-12-Dichlorosthene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         06-DM-123S         FD         Trichlorosthene         2.5         ug/L         1         2         VOLATLES         SW8260B           LH30153         21-Oct-04         06-DM-123S         REG         Trichlorosthene         0.65         ug/L         1         2         VOLATLES         SW8260B           LH30154         8-Oct-04         06-DM-123S         REG         Trichlorosthene         0.85 J         ug/L         1         2         VOLATLES         SW8260B           LH30154         8-Oct-04         07-S2O-M         REG         Chlorobenzene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30164         8-Oct-04         FAZ-MW02C         REG         Chlorobenzene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30166         8-Oct-04</th> <th>SAMPLE         SAMPLE         COCATION CODE         PURPOSE         PARAMETER         RESULT QUALIFIER         UNITS         FACTOR         LIMIT         ARROTRES         LAB METHOD           LH30152         21-Oct-04         05-DM-123S         FD         cle-12-Dichloroethene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethene         0.54         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         REG         Trichloroethene         0.54         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         REG         Trichloroethene         0.54         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         07-820-M         REG         Chloroethenemene         0.85 J         ug/L         1         VOLATLES         SW8260B           LH30164         40-Oct-04         07-820-M         REG         Chloroethenemene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30160         <td< th=""><th>SAMPLE         SAMPLE         Cocation code         PARAMETER         PARAMETER         RESULT QUALIFIER         UNITS         PACTOR         LIMIT         GROUP         LAB METHOD           NO         DATE         10-01-04         05-DM-123S         FD         cie-12-Dichlorosthene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-0ct-04         05-DM-123S         REG         Trichlorosthene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-0ct-04         05-DM-123S         REG         G-DM-1040centene         2.3         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         8-Oct-04         07-820-M         REG         Chlorobenzene         0.85 J         ug/L         1         0.1         VOLATLES         SW8260B           LH30164         8-Oct-04         07-820-M         REG         Chloromethene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30160         21-Oct-04         FTA2:MW02C         REG         Acetone         0.22 J         ug/L         1         VOLATLES         SW8260B           LH30166         <t< th=""><th>SAMPLE         SAMPLE         LOCATION CODE         SAMPLE         PARAMETER         RESULT QUALLIFIER         UNITS         FACTOR LIMIT        
UNITS         LABOTES</th><th>SAMPLE         LOCATION CODE         PARAMETER         RESULT QUALIFIER         PRILL TONION DETECT         UNITS         FACTOR         LUMIT         PARAMETER</th><th>SAMPLE         SAMPLE         DATE         LOCATION CODE         PARAMETER         PERSULT QUALIFIER         UNITS         PALUTION         DILUTION         DEFECT         USE TEST         LAB METHOD           NO         DATE         LOCATION CODE         PURPOSE         Trichlorosthene         0.7         ug/L         1         0.5         VOLATILES         SW8260B           LH30152         21-Oct-04         06-DM-123S         REG         Trichlorosthene         0.5         ug/L         1         0.5         VOLATILES         SW8260B           LH30153         21-Oct-04         06-DM-123S         REG         Trichlorosthene         0.3         ug/L         1         0.5         VOLATILES         SW8260B           LH30154         B-Oct-04         07-520-M         REG         Trichlorosthene         0.23         ug/L         1         0.0         VOLATILES         SW8260B           LH30154         B-Oct-04         FTA2-MW02C         REG         Trichlorosthene         0.23         ug/L         1         0         VOLATILES         SW8260B           LH30166         21-Oct-04         FTA2-MW02C         REG         Chlorosthene         0.23         ug/L         1         0         VOLATILES         SW8260B</th><th>SAMPLE         SAMPLE         CACATION CODE         PARAMETER         RESULT QUALLIFIER         UNITS         DILUTION         DELETOR         UNITS         CACATION         DILUTION         DELETOR         UNIT         CACATION         DILUTION         DELETOR         UNIT         CACATION         DILUTION         DELETOR         UNIT         CACATION         CACATIC CACATION         CACATIC CACATION         CACATIC CACATIC CACATION         CACATIC CACATIC CACATION         CACATIC CACATIC CACATIC CACATION         CACATIC CA</th><th>SAMPLE         SAMPLE         CAMPLE         SAMPLE         PARAMETER         RESULT QUALIFIER         UNITS         FACTOR         LIMIT         GRED TEST         LAB METHOD           NO         DATE         COLOCHOL         05 DM-123S         FD         de-1.2-Dichlorosthene         0.7         ug/L         1         0.5         VOLATILES         SW8260B           LH30152         21-Oct-Od         05-DM-123S         FREG         de-1.2-Dichlorosthene         0.5         ug/L         1         0.5         VOLATILES         SW8260B           LH30152         21-Oct-Od         05-DM-123S         FREG         de-1.2-Dichlorosthene         0.53         ug/L         1         0.5         VOLATILES         SW8260B           LH30154         B-Oct-Od         07-820-M         REG         Chichocheratene         0.25         ug/L         1         0.5         VOLATILES         SW8260B           LH30154         B-Oct-Od         07-820-M         REG         Chichocheratene         0.25         ug/L         1         0.5         VOLATILES         SW8260B           LH30164         B-Oct-Od         BMP-OLU4-DIB-OG         REG         Chichocheratene         0.22         ug/L         1         0.5         VOLATILES         S</th><th>9AMPLE         SAMPLE         CACATION CODE         9AMPLE         PARAMETER         RESULT QUALIFIER         PRILT QUALIFIER         PARTICO         P</th><th>94MPLE         5AMPLE         LOCATION CODE         PARAMETER         RESULT QUALIFIER         INIT         PATTOR         LIMIT         GROUP         LAB METHOD           H0301E2         21-00-04         05-DM-1223         FD         Trichlorosthene         0.7         ug/L         1         0.5         VOLATILES         SW8260B           LH301E2         21-00-04         05-DM-1223         FEG         dr-12-Dichlorosthene         0.64         ug/L         1         0.5         VOLATILES         SW8260B           LH301E3         21-00-04         05-BM-1235         REG         dr-12-Dichlorosthene         0.64         ug/L         1         0.5         VOLATILES         SW8260B           LH301E4         8-Oct-04         07-820-M         REG         dr-12-Dichlorosthene         0.25         ug/L         1         0         VOLATILES         SW8260B           LH301E4         8-Oct-04         07-820-M         REG         Ghiorosthene         0.25         ug/L         1         0         VOLATILES         SW8260B           LH301E4         8-Oct-04         FTA2-MV02C         REG         Chiorosthene         0.22 J         ug/L         1         0         VOLATILES         SW8260B           LH301E4</th><th>94MPLE         5AMPLE         LOCATION CODE         PARAMETER         PRESULT QUALIFIER         INITY         PALTON         LUBRITY         GROUP         LAB METHOD           H0901E2         21-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct</th><th>9AMPLE         5AMPLE         PARAMETER         RESULT QUALIFIER         UNITS         PARAMETER         RESULT QUALIFIER         UNITS         PARAMETER         LABBRETOR         LIMIT         GRET TST         LABBRETOR           LH30152         21-0c4-04         06-DM-1235         FD         del-12-Dichlorosthene         2.5         ug/L         1         0.5         VOLATLES         SW8206B           LH30152         21-0c4-04         06-DM-1235         FD         del-12-Dichlorosthene         0.5         ug/L         1         0.5         VOLATLES         SW8206B           LH30153         21-0c4-04         06-DM-1235         FEG         Tichlorosthene         0.64         ug/L         1         0.0         VOLATLES         SW8206B           LH30154         6-Oct-04  
      07-620-M         REG         Thichlorosthene         0.85 Jug/L         1         0.0         VOLATLES         SW8206B           LH30164         6-Oct-04         07-620-M         REG         Thichlorosthene         0.25 Jug/L         1         0.0         VOLATLES         SW8206B           LH30164         6-Oct-04         FAZAMW02C         REG         Chicrobentere         0.25 Jug/L         1         0.0         VOLATLES         SW8206B</th><th>9AMPLE         CAMPLE         CAMPLE         CAMPLE         PARAMETER         RESULT QUALIFIER         RESULT QUALIFIER         PATON         DETECT         USET FET TABABETHO         LAB METHOD           NO         21-Oct-od         06-DM-123S         FD         Trichlorosthene         2.5         Ug/L         1         2         VOLATLES         SWAR206B           LH3015S         21-Oct-od         06-DM-123S         FD         Trichlorosthene         2.5         Ug/L         1         2         VOLATLES         SWAR206B           LH3015B         21-Oct-od         05-DM-123S         REG         Trichlorosthene         2.3         Ug/L         1         2         VOLATLES         SWAR206B           LH3016B         6-Oct-od         07-5EO-M         REG         Gri-12-Dichlorosthene         0.25         Ug/L         1         0         VOLATLES         SWAR206B           LH3016B         6-Oct-od         07-5EO-M         REG         Gri-12-Dichlorosthene         0.25         Ug/L         1         0         VOLATLES         SWAR206B           LH3016B         6-Oct-od         BIRDO-UL-O1B-O         REG         Gri-12-Dichlorosthene         0.22         Ug/L         1         VOLATLES         SWAR206B</th><th>9AMPLE         CAMPLE         CAMPLE         CAMPLE         PARAMETER         PARAMETER         RESULT QUALIFIER         PARTICOLATION         DATE         PARAMETER         PA</th><th>  Marce   SAMPLE   SAMPLE   COCATION CODE   PURPOSE   PLANANETER   RESULT QUALIFIER   UNITS   PLCTOR   LMT   GROUP   CACATION CODE   LH301122   21-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   2.5   ug/L   1   0.5   VOLATIES   SW2206   LH301122   21-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   2.5   ug/L   1   0.5   VOLATIES   SW2206   LH30112   21-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   2.5   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIB-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIB-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIB-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30206   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30206   2-Oct-Od   SMP-OUL-OTIS-SO   2-Oct-Od   SMP-OUL-OTIS-SO   2-Oct-Od   SMP-OUL-OTIS-SO   2-</th><th>  Handle   SAMPLE   COCATION CODE   PARAMETER   RESULT GUALIFIER   UNITS PLCTOR   LINET GROUP   CACATION CODE   PARAMETER   RESULT GUALIFIER   UNITS PLCTOR   LINET GROUP   LAB METHOD   LINET GROUP   LINES   STATES   STATES   STATES   LINES   STAT</th><th>  Harris   SAMPLE   LOCATION CODE   PARAMETER   RESULT QUALIFIER   INNTS   FACTOR   LIMIT   GROUP   CHATTES   SWEZGOB   LINISTIC   CO-CLASS  </th><th>  Marie   SAMPLE   LOCATION CODE   PURPOSE   PARAMETER   RESULT QUALIFIER   INITS   PLACTOR   LIMIT   GROUP   CHART   CACTOR   LIMIT   GROUP   CHART   CACTOR  
CACTOR   CACT</th><th>94MPLE         SAMPLE         PARAMETER         PARAMETER         PRESULT GUALHERR         PRESULT GUALHERR         DUITTON         DEFCTOR         UNITTON         CALVATER         SWR200B           H901R2         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         2.5         ug/L         1         2         VOLATIES         SWR200B           H901R2         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         0.84         1         2         VOLATIES         SWR200B           H901R3         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         0.84         1         0         VOLATIES         SWR200B           H901R3         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         0.84         1         0         VOLATIES         SWR200B           H901R3         21-0c4-04         FRAMWIZC         FEG         Acetace         0.84         1         0         VOLATIES         SWR200B           H901R5         21-0c4-04         FRAMWIZC         FEG         Acetace         0.84         1         1         VOLATIES         SWR200B           H901R5         21-0c4-04         BRP-OL4-01BBO         FEG         1-1-</th><th>Model         SAMPLE         SAMPLE         PARAMETER         PARAMETER         RESULT GUALLIFER INTITY         PARAMETER         PARAMETER         PARAMETER         LABORIZATION CODE         PARAMETER         PARAMETER         PARAMETER         PARAMETER         LABORIZATION CODE         PARAMETER         PARAMETER         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE</th><th>6 AMPLE         LOCATION CODE         9 AMPLE PARAMETER         PRIAMETER         REGULT QUALHER         PRIAMETE</th><th>9AMPLE         LOCATION CODE         9AMPLE PARAMETER         PARAMETER         REGULT QUALHER         INTITY QUALHER         DULITYON DILITYON DETECT UNITY CAROLUM         CATOLITIES SWIZZONE           H90105         21-Obd-40         GD-DM-122S         FD         ch-12-Dishdecether         2.5         ught         1         0         0         CATOLITES SWIZZONE         1         0         CATOLITES SWIZZ</th><th>θAMPLE         LAMPLE         LOCATION CODE         BAMPLE PARAMETER         PREAMETER OUTLING         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER PARAMETER         PREAMETER PARAMETER PA</th><th>θAMPLE         LOCATION CODE         PARAMETER         RESULT OULLING         INTITY         FACTOR         LUMPOR         DEFECT         COLVILES         SWAR200B           H30012         2.10-0c4         0.5-DM-1235         FB         Trichlocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30012         2.10-0c4         0.5-DM-1235         FB         Trichlocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30012         2.10-0c4         0.5-DM-1235         FBG         DE-12-Dichlocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30012         8.0-0c4-OH         0.5-SO-M         REG         Chichrocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30018         8.0-C4-OH         0.5-C4-OH</th><th>AMPLE         LOCATION CODE         344P/E         PARAMETER         REBULT GUALUNE DETECT         PARAMETER         REBULT GUALUNE DETECT         GENT GUALUNE DETECT         CALVILLES        
STANDOR           H450112         21-0c4c0         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1239         UpL         1         0.5-DM-1248         SWIR200B         RFG         0.5-DM-1248&lt;</th><th>9.948PLE         5.448PLE         CASANDELA         PRIAMETRIS</th></t<></th></td<></th> | SAMPLE         SAMPLE         CATION CODE         SAMPLE         PARAMETER         RESULT QUALIFIER         UNITS         DILUTION         DEFECT         USER TEST         LAB METHOD           LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         05-DM-123S         REG         Trichloroethene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         05-DM-123S         REG         Trichloroethene         2.3         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         8-Oct-04         07-520-M         REG         Chlorobenzene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30164         8-Oct-04         67-520-M         REG         Chlorobenzene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30164         8-Oct-04 | SAMPLE         CAMPLE         LACATION CODE         PARAMETER         RESULT QUALIFIER         UNITS         PARAMETER         RESULT QUALIFIER         UNITS         PARTECT         USER TEST         LABRETOR | SAMPLE         COCATION CODE         SAMPLE         PARAMETER         RESULT QUALIFIER         UNITS         PALTON         LIMIT         OSE TEST TEST         LAB METHOD           NO         DATE         LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethere         0.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethere         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         05-DM-123S         REG         Trichloroethere         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         8-Oct-04         05-DM-123S         REG         Trichloroethere         2.3         ug/L         1         VOLATLES         SW8260B           LH30154         8-Oct-04         07-520-M         REG         Trichloroethere         2.3         ug/L         1         VOLATLES         SW8260B           LH30154         8-Oct-04         07-520-M         REG         Acetone         2.2 J         ug/L         1         VOLATLES         SW8260B           LH30160         21-Oct-04         < | SAMPLE         SAMPLE         LOCATION CODE         SAMPLE         PARAMETER         RESULT QUALIFIER         UNITS         FACTOR         LIMIT         GROUP         LAB METHOD           LH30162         21-Oct-04         05-DM-123S         FD         Trichloroethene         2.5         Ug/L         1         2         VOLATLES         SW8260B           LH30162         21-Oct-04         05-DM-123S         FD         Trichloroethene         2.5         Ug/L         1         2         VOLATLES         SW8260B           LH30163         21-Oct-04         05-DM-123S         REG         Trichloroethene         2.5         Ug/L         1         2         VOLATLES         SW8260B           LH30163         21-Oct-04         05-EDM-123S         REG         Trichloroethene         2.3         Ug/L         1         2         VOLATLES         SW8260B           LH30164         8-Oct-04         07-820-M         REG         Childrobentene         0.25 J         Ug/L         1         0.0         VOLATLES         SW8260B           LH30164         8-Oct-04         67-S20-M         REG         Acetone         0.25 J         Ug/L         1         0.0         VOLATLES         SW8260B           LH30160 | SAMPLE         COATION CODE         PARAMETER         RESULT QUALIFIER         UNITS         FACTOR         LIMIT         GARTIES         LAB METHOD           LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethene         0.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         REG         Trichloroethene         0.54         1         0.5         VOLATLES         SW8260B           LH30154         6-Oct-04         05-DM-123S         REG         Trichloroethene         0.25         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         6-Oct-04         07-620-M         REG         Choloroethene         0.25         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         6-Oct-04         07-620-M         REG         Acetone         0.25         ug/L         1         0.0         VOLATLES         SW8260B           LH30160         6-Oct-04         67-620-M         REG< | SAMPLE         SAMPLE         CACATION CODE         SAMPLE         PARAMETER         RESULT QUALLIFIER         UNITS         PALTICOR         LIMIT         GROUP         LAB METHOD           LH30152         21-Oct-04         06-DM-123S         FD         cle-12-Dichlorosthene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         06-DM-123S         FD         Trichlorosthene         2.5         ug/L         1         2         VOLATLES         SW8260B           LH30153         21-Oct-04         06-DM-123S         REG         Trichlorosthene         0.65         ug/L         1         2         VOLATLES         SW8260B           LH30154         8-Oct-04         06-DM-123S         REG         Trichlorosthene         0.85 J         ug/L         1         2         VOLATLES         SW8260B           LH30154         8-Oct-04         07-S2O-M         REG         Chlorobenzene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30164         8-Oct-04         FAZ-MW02C         REG         Chlorobenzene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30166         8-Oct-04 | SAMPLE         SAMPLE        
COCATION CODE         PURPOSE         PARAMETER         RESULT QUALIFIER         UNITS         FACTOR         LIMIT         ARROTRES         LAB METHOD           LH30152         21-Oct-04         05-DM-123S         FD         cle-12-Dichloroethene         0.7         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         FD         Trichloroethene         0.54         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         REG         Trichloroethene         0.54         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-Oct-04         05-DM-123S         REG         Trichloroethene         0.54         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-Oct-04         07-820-M         REG         Chloroethenemene         0.85 J         ug/L         1         VOLATLES         SW8260B           LH30164         40-Oct-04         07-820-M         REG         Chloroethenemene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30160 <td< th=""><th>SAMPLE         SAMPLE         Cocation code         PARAMETER         PARAMETER         RESULT QUALIFIER         UNITS         PACTOR         LIMIT         GROUP         LAB METHOD           NO         DATE         10-01-04         05-DM-123S         FD         cie-12-Dichlorosthene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-0ct-04         05-DM-123S         REG         Trichlorosthene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-0ct-04         05-DM-123S         REG         G-DM-1040centene         2.3         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         8-Oct-04         07-820-M         REG         Chlorobenzene         0.85 J         ug/L         1         0.1         VOLATLES         SW8260B           LH30164         8-Oct-04         07-820-M         REG         Chloromethene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30160         21-Oct-04         FTA2:MW02C         REG         Acetone         0.22 J         ug/L         1         VOLATLES         SW8260B           LH30166         <t< th=""><th>SAMPLE         SAMPLE         LOCATION CODE         SAMPLE         PARAMETER         RESULT QUALLIFIER         UNITS         FACTOR LIMIT         UNITS         LABOTES</th><th>SAMPLE         LOCATION CODE         PARAMETER         RESULT QUALIFIER         PRILL TONION DETECT         UNITS         FACTOR         LUMIT         PARAMETER</th><th>SAMPLE         SAMPLE         DATE         LOCATION CODE         PARAMETER         PERSULT QUALIFIER         UNITS         PALUTION         DILUTION         DEFECT         USE TEST         LAB METHOD           NO         DATE         LOCATION CODE         PURPOSE         Trichlorosthene         0.7         ug/L         1         0.5         VOLATILES         SW8260B           LH30152         21-Oct-04         06-DM-123S         REG         Trichlorosthene         0.5         ug/L         1         0.5         VOLATILES         SW8260B           LH30153         21-Oct-04         06-DM-123S         REG         Trichlorosthene         0.3         ug/L         1         0.5         VOLATILES         SW8260B           LH30154         B-Oct-04         07-520-M         REG         Trichlorosthene         0.23         ug/L         1         0.0         VOLATILES         SW8260B           LH30154         B-Oct-04         FTA2-MW02C         REG         Trichlorosthene         0.23         ug/L         1         0         VOLATILES         SW8260B           LH30166         21-Oct-04         FTA2-MW02C         REG         Chlorosthene         0.23         ug/L         1         0         VOLATILES         SW8260B</th><th>SAMPLE         SAMPLE         CACATION CODE         PARAMETER         RESULT QUALLIFIER         UNITS         DILUTION         DELETOR         UNITS         CACATION         DILUTION         DELETOR         UNIT         CACATION         DILUTION         DELETOR         UNIT         CACATION         DILUTION         DELETOR         UNIT         CACATION         CACATIC CACATION         CACATIC CACATION         CACATIC CACATIC CACATION         CACATIC CACATIC CACATION         CACATIC CACATIC CACATIC CACATION         CACATIC CA</th><th>SAMPLE         SAMPLE         CAMPLE         SAMPLE         PARAMETER         RESULT QUALIFIER         UNITS         FACTOR         LIMIT         GRED TEST         LAB METHOD           NO         DATE         COLOCHOL         05 DM-123S         FD         de-1.2-Dichlorosthene         0.7         ug/L         1         0.5         VOLATILES         SW8260B           LH30152         21-Oct-Od         05-DM-123S         FREG         de-1.2-Dichlorosthene         0.5         ug/L         1         0.5         VOLATILES         SW8260B           LH30152         21-Oct-Od         05-DM-123S         FREG         de-1.2-Dichlorosthene         0.53         ug/L         1         0.5         VOLATILES         SW8260B           LH30154         B-Oct-Od         07-820-M         REG         Chichocheratene         0.25         ug/L         1         0.5         VOLATILES         SW8260B           LH30154         B-Oct-Od         07-820-M         REG         Chichocheratene         0.25         ug/L         1         0.5         VOLATILES         SW8260B           LH30164         B-Oct-Od         BMP-OLU4-DIB-OG         REG         Chichocheratene         0.22         ug/L         1         0.5         VOLATILES         S</th><th>9AMPLE         SAMPLE         CACATION CODE         9AMPLE         PARAMETER         RESULT QUALIFIER         PRILT QUALIFIER         PARTICO        
PARTICO         P</th><th>94MPLE         5AMPLE         LOCATION CODE         PARAMETER         RESULT QUALIFIER         INIT         PATTOR         LIMIT         GROUP         LAB METHOD           H0301E2         21-00-04         05-DM-1223         FD         Trichlorosthene         0.7         ug/L         1         0.5         VOLATILES         SW8260B           LH301E2         21-00-04         05-DM-1223         FEG         dr-12-Dichlorosthene         0.64         ug/L         1         0.5         VOLATILES         SW8260B           LH301E3         21-00-04         05-BM-1235         REG         dr-12-Dichlorosthene         0.64         ug/L         1         0.5         VOLATILES         SW8260B           LH301E4         8-Oct-04         07-820-M         REG         dr-12-Dichlorosthene         0.25         ug/L         1         0         VOLATILES         SW8260B           LH301E4         8-Oct-04         07-820-M         REG         Ghiorosthene         0.25         ug/L         1         0         VOLATILES         SW8260B           LH301E4         8-Oct-04         FTA2-MV02C         REG         Chiorosthene         0.22 J         ug/L         1         0         VOLATILES         SW8260B           LH301E4</th><th>94MPLE         5AMPLE         LOCATION CODE         PARAMETER         PRESULT QUALIFIER         INITY         PALTON         LUBRITY         GROUP         LAB METHOD           H0901E2         21-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct</th><th>9AMPLE         5AMPLE         PARAMETER         RESULT QUALIFIER         UNITS         PARAMETER         RESULT QUALIFIER         UNITS         PARAMETER         LABBRETOR         LIMIT         GRET TST         LABBRETOR           LH30152         21-0c4-04         06-DM-1235         FD         del-12-Dichlorosthene         2.5         ug/L         1         0.5         VOLATLES         SW8206B           LH30152         21-0c4-04         06-DM-1235         FD         del-12-Dichlorosthene         0.5         ug/L         1         0.5         VOLATLES         SW8206B           LH30153         21-0c4-04         06-DM-1235         FEG         Tichlorosthene         0.64         ug/L         1         0.0         VOLATLES         SW8206B           LH30154         6-Oct-04         07-620-M         REG         Thichlorosthene         0.85 Jug/L         1         0.0         VOLATLES         SW8206B           LH30164         6-Oct-04         07-620-M         REG         Thichlorosthene         0.25 Jug/L         1         0.0         VOLATLES         SW8206B           LH30164         6-Oct-04         FAZAMW02C         REG         Chicrobentere         0.25 Jug/L         1         0.0         VOLATLES         SW8206B</th><th>9AMPLE         CAMPLE         CAMPLE         CAMPLE         PARAMETER         RESULT QUALIFIER         RESULT QUALIFIER         PATON         DETECT         USET FET TABABETHO         LAB METHOD           NO         21-Oct-od         06-DM-123S         FD         Trichlorosthene         2.5         Ug/L         1         2         VOLATLES         SWAR206B           LH3015S         21-Oct-od         06-DM-123S         FD         Trichlorosthene         2.5         Ug/L         1         2         VOLATLES         SWAR206B           LH3015B         21-Oct-od         05-DM-123S         REG         Trichlorosthene         2.3         Ug/L         1         2         VOLATLES         SWAR206B           LH3016B         6-Oct-od         07-5EO-M         REG         Gri-12-Dichlorosthene         0.25         Ug/L         1         0         VOLATLES         SWAR206B           LH3016B         6-Oct-od         07-5EO-M         REG         Gri-12-Dichlorosthene         0.25         Ug/L         1         0         VOLATLES         SWAR206B           LH3016B         6-Oct-od         BIRDO-UL-O1B-O         REG         Gri-12-Dichlorosthene         0.22         Ug/L         1         VOLATLES         SWAR206B</th><th>9AMPLE         CAMPLE         CAMPLE         CAMPLE         PARAMETER         PARAMETER         RESULT QUALIFIER         PARTICOLATION         DATE         PARAMETER         PA</th><th>  Marce   SAMPLE   SAMPLE   COCATION CODE   PURPOSE   PLANANETER   RESULT QUALIFIER   UNITS   PLCTOR   LMT   GROUP   CACATION CODE   LH301122   21-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   2.5   ug/L   1   0.5   VOLATIES   SW2206   LH301122   21-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   2.5   ug/L   1   0.5   VOLATIES   SW2206   LH30112   21-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   2.5   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIB-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIB-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIB-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30206   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30206   2-Oct-Od   SMP-OUL-OTIS-SO   2-Oct-Od   SMP-OUL-OTIS-SO   2-Oct-Od   SMP-OUL-OTIS-SO   2-</th><th>  Handle   SAMPLE   COCATION CODE   PARAMETER   RESULT GUALIFIER   UNITS PLCTOR   LINET GROUP   CACATION CODE   PARAMETER   RESULT GUALIFIER   UNITS PLCTOR   LINET GROUP   LAB METHOD   LINET GROUP   LINES   STATES   STATES   STATES   LINES   STAT</th><th>  Harris   SAMPLE   LOCATION CODE   PARAMETER   RESULT QUALIFIER   INNTS   FACTOR   LIMIT   GROUP   CHATTES   SWEZGOB   LINISTIC   CO-CLASS   CO-CLASS   CO-CLASS   CO-CLASS   CO-CLASS   CO-CLASS   CO-CLASS   CO-CLASS   CO-CLASS   CO-CLASS   CO-CLASS   CO-CLASS   CO-CLASS  
CO-CLASS   CO-CLASS  </th><th>  Marie   SAMPLE   LOCATION CODE   PURPOSE   PARAMETER   RESULT QUALIFIER   INITS   PLACTOR   LIMIT   GROUP   CHART   CACTOR   LIMIT   GROUP   CHART   CACTOR   CACT</th><th>94MPLE         SAMPLE         PARAMETER         PARAMETER         PRESULT GUALHERR         PRESULT GUALHERR         DUITTON         DEFCTOR         UNITTON         CALVATER         SWR200B           H901R2         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         2.5         ug/L         1         2         VOLATIES         SWR200B           H901R2         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         0.84         1         2         VOLATIES         SWR200B           H901R3         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         0.84         1         0         VOLATIES         SWR200B           H901R3         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         0.84         1         0         VOLATIES         SWR200B           H901R3         21-0c4-04         FRAMWIZC         FEG         Acetace         0.84         1         0         VOLATIES         SWR200B           H901R5         21-0c4-04         FRAMWIZC         FEG         Acetace         0.84         1         1         VOLATIES         SWR200B           H901R5         21-0c4-04         BRP-OL4-01BBO         FEG         1-1-</th><th>Model         SAMPLE         SAMPLE         PARAMETER         PARAMETER         RESULT GUALLIFER INTITY         PARAMETER         PARAMETER         PARAMETER         LABORIZATION CODE         PARAMETER         PARAMETER         PARAMETER         PARAMETER         LABORIZATION CODE         PARAMETER         PARAMETER         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE</th><th>6 AMPLE         LOCATION CODE         9 AMPLE PARAMETER         PRIAMETER         REGULT QUALHER         PRIAMETE</th><th>9AMPLE         LOCATION CODE         9AMPLE PARAMETER         PARAMETER         REGULT QUALHER         INTITY QUALHER         DULITYON DILITYON DETECT UNITY CAROLUM         CATOLITIES SWIZZONE           H90105         21-Obd-40         GD-DM-122S         FD         ch-12-Dishdecether         2.5         ught         1         0         0         CATOLITES SWIZZONE         1         0         CATOLITES SWIZZ</th><th>θAMPLE         LAMPLE         LOCATION CODE         BAMPLE PARAMETER         PREAMETER OUTLING         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER PARAMETER         PREAMETER PARAMETER
PARAMETER PA</th><th>θAMPLE         LOCATION CODE         PARAMETER         RESULT OULLING         INTITY         FACTOR         LUMPOR         DEFECT         COLVILES         SWAR200B           H30012         2.10-0c4         0.5-DM-1235         FB         Trichlocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30012         2.10-0c4         0.5-DM-1235         FB         Trichlocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30012         2.10-0c4         0.5-DM-1235         FBG         DE-12-Dichlocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30012         8.0-0c4-OH         0.5-SO-M         REG         Chichrocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30018         8.0-C4-OH         0.5-C4-OH</th><th>AMPLE         LOCATION CODE         344P/E         PARAMETER         REBULT GUALUNE DETECT         PARAMETER         REBULT GUALUNE DETECT         GENT GUALUNE DETECT         CALVILLES         STANDOR           H450112         21-0c4c0         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1239         UpL         1         0.5-DM-1248         SWIR200B         RFG         0.5-DM-1248&lt;</th><th>9.948PLE         5.448PLE         CASANDELA         PRIAMETRIS</th></t<></th></td<> | SAMPLE         SAMPLE         Cocation code         PARAMETER         PARAMETER         RESULT QUALIFIER         UNITS         PACTOR         LIMIT         GROUP         LAB METHOD           NO         DATE         10-01-04         05-DM-123S         FD         cie-12-Dichlorosthene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30152         21-0ct-04         05-DM-123S         REG         Trichlorosthene         2.5         ug/L         1         0.5         VOLATLES         SW8260B           LH30153         21-0ct-04         05-DM-123S         REG         G-DM-1040centene         2.3         ug/L         1         0.5         VOLATLES         SW8260B           LH30154         8-Oct-04         07-820-M         REG         Chlorobenzene         0.85 J         ug/L         1         0.1         VOLATLES         SW8260B           LH30164         8-Oct-04         07-820-M         REG         Chloromethene         0.25 J         ug/L         1         VOLATLES         SW8260B           LH30160         21-Oct-04         FTA2:MW02C         REG         Acetone         0.22 J         ug/L         1         VOLATLES         SW8260B           LH30166 <t< th=""><th>SAMPLE         SAMPLE         LOCATION CODE         SAMPLE         PARAMETER         RESULT QUALLIFIER         UNITS         FACTOR LIMIT         UNITS         LABOTES</th><th>SAMPLE         LOCATION CODE         PARAMETER         RESULT QUALIFIER         PRILL TONION DETECT         UNITS         FACTOR         LUMIT         PARAMETER</th><th>SAMPLE         SAMPLE         DATE         LOCATION CODE         PARAMETER         PERSULT QUALIFIER         UNITS         PALUTION         DILUTION         DEFECT         USE TEST         LAB METHOD           NO         DATE         LOCATION CODE         PURPOSE         Trichlorosthene         0.7         ug/L         1         0.5         VOLATILES         SW8260B           LH30152         21-Oct-04         06-DM-123S         REG         Trichlorosthene         0.5         ug/L         1         0.5         VOLATILES         SW8260B           LH30153         21-Oct-04         06-DM-123S         REG         Trichlorosthene         0.3         ug/L         1         0.5         VOLATILES         SW8260B           LH30154         B-Oct-04         07-520-M         REG         Trichlorosthene         0.23         ug/L         1         0.0         VOLATILES         SW8260B           LH30154         B-Oct-04         FTA2-MW02C         REG         Trichlorosthene   
     0.23         ug/L         1         0         VOLATILES         SW8260B           LH30166         21-Oct-04         FTA2-MW02C         REG         Chlorosthene         0.23         ug/L         1         0         VOLATILES         SW8260B</th><th>SAMPLE         SAMPLE         CACATION CODE         PARAMETER         RESULT QUALLIFIER         UNITS         DILUTION         DELETOR         UNITS         CACATION         DILUTION         DELETOR         UNIT         CACATION         DILUTION         DELETOR         UNIT         CACATION         DILUTION         DELETOR         UNIT         CACATION         CACATIC CACATION         CACATIC CACATION         CACATIC CACATIC CACATION         CACATIC CACATIC CACATION         CACATIC CACATIC CACATIC CACATION         CACATIC CA</th><th>SAMPLE         SAMPLE         CAMPLE         SAMPLE         PARAMETER         RESULT QUALIFIER         UNITS         FACTOR         LIMIT         GRED TEST         LAB METHOD           NO         DATE         COLOCHOL         05 DM-123S         FD         de-1.2-Dichlorosthene         0.7         ug/L         1         0.5         VOLATILES         SW8260B           LH30152         21-Oct-Od         05-DM-123S         FREG         de-1.2-Dichlorosthene         0.5         ug/L         1         0.5         VOLATILES         SW8260B           LH30152         21-Oct-Od         05-DM-123S         FREG         de-1.2-Dichlorosthene         0.53         ug/L         1         0.5         VOLATILES         SW8260B           LH30154         B-Oct-Od         07-820-M         REG         Chichocheratene         0.25         ug/L         1         0.5         VOLATILES         SW8260B           LH30154         B-Oct-Od         07-820-M         REG         Chichocheratene         0.25         ug/L         1         0.5         VOLATILES         SW8260B           LH30164         B-Oct-Od         BMP-OLU4-DIB-OG         REG         Chichocheratene         0.22         ug/L         1         0.5         VOLATILES         S</th><th>9AMPLE         SAMPLE         CACATION CODE         9AMPLE         PARAMETER         RESULT QUALIFIER         PRILT QUALIFIER         PARTICO         P</th><th>94MPLE         5AMPLE         LOCATION CODE         PARAMETER         RESULT QUALIFIER         INIT         PATTOR         LIMIT         GROUP         LAB METHOD           H0301E2         21-00-04         05-DM-1223         FD         Trichlorosthene         0.7         ug/L         1         0.5         VOLATILES         SW8260B           LH301E2         21-00-04         05-DM-1223         FEG         dr-12-Dichlorosthene         0.64         ug/L         1         0.5         VOLATILES         SW8260B           LH301E3         21-00-04         05-BM-1235         REG         dr-12-Dichlorosthene         0.64         ug/L         1         0.5         VOLATILES         SW8260B           LH301E4         8-Oct-04         07-820-M         REG         dr-12-Dichlorosthene         0.25         ug/L         1         0         VOLATILES         SW8260B           LH301E4         8-Oct-04         07-820-M         REG         Ghiorosthene         0.25         ug/L         1         0         VOLATILES         SW8260B           LH301E4         8-Oct-04         FTA2-MV02C         REG         Chiorosthene         0.22 J         ug/L         1         0         VOLATILES         SW8260B           LH301E4</th><th>94MPLE         5AMPLE         LOCATION CODE         PARAMETER         PRESULT QUALIFIER         INITY         PALTON         LUBRITY         GROUP         LAB METHOD           H0901E2         21-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct</th><th>9AMPLE         5AMPLE         PARAMETER         RESULT QUALIFIER         UNITS         PARAMETER         RESULT QUALIFIER         UNITS         PARAMETER         LABBRETOR         LIMIT         GRET TST         LABBRETOR           LH30152         21-0c4-04         06-DM-1235         FD         del-12-Dichlorosthene         2.5         ug/L         1         0.5         VOLATLES         SW8206B           LH30152         21-0c4-04         06-DM-1235         FD         del-12-Dichlorosthene         0.5         ug/L         1         0.5         VOLATLES         SW8206B           LH30153         21-0c4-04         06-DM-1235         FEG         Tichlorosthene         0.64         ug/L         1         0.0         VOLATLES         SW8206B           LH30154         6-Oct-04         07-620-M         REG         Thichlorosthene         0.85 Jug/L         1         0.0         VOLATLES         SW8206B           LH30164         6-Oct-04         07-620-M         REG         Thichlorosthene         0.25 Jug/L         1         0.0         VOLATLES         SW8206B           LH30164         6-Oct-04         FAZAMW02C         REG         Chicrobentere         0.25 Jug/L         1         0.0         VOLATLES         SW8206B</th><th>9AMPLE         CAMPLE         CAMPLE         CAMPLE         PARAMETER         RESULT QUALIFIER         RESULT QUALIFIER         PATON         DETECT         USET FET TABABETHO         LAB METHOD           NO         21-Oct-od         06-DM-123S         FD         Trichlorosthene         2.5         Ug/L         1         2         VOLATLES         SWAR206B           LH3015S         21-Oct-od         06-DM-123S         FD         Trichlorosthene         2.5         Ug/L         1         2         VOLATLES         SWAR206B           LH3015B         21-Oct-od         05-DM-123S         REG         Trichlorosthene         2.3         Ug/L         1         2         VOLATLES         SWAR206B           LH3016B         6-Oct-od         07-5EO-M         REG         Gri-12-Dichlorosthene         0.25         Ug/L         1         0         VOLATLES         SWAR206B           LH3016B         6-Oct-od         07-5EO-M         REG         Gri-12-Dichlorosthene         0.25         Ug/L         1         0         VOLATLES         SWAR206B           LH3016B         6-Oct-od         BIRDO-UL-O1B-O         REG         Gri-12-Dichlorosthene         0.22         Ug/L         1         VOLATLES         SWAR206B</th><th>9AMPLE         CAMPLE         CAMPLE         CAMPLE         PARAMETER         PARAMETER         RESULT QUALIFIER         PARTICOLATION         DATE         PARAMETER         PA</th><th>  Marce   SAMPLE   SAMPLE   COCATION CODE   PURPOSE   PLANANETER   RESULT QUALIFIER   UNITS   PLCTOR   LMT   GROUP   CACATION CODE   LH301122   21-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   2.5   ug/L   1   0.5   VOLATIES   SW2206   LH301122   21-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   2.5   ug/L   1   0.5   VOLATIES   SW2206   LH30112   21-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   2.5   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od  
Oc-DM-1235   FD   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIB-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIB-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIB-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30206   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30206   2-Oct-Od   SMP-OUL-OTIS-SO   2-Oct-Od   SMP-OUL-OTIS-SO   2-Oct-Od   SMP-OUL-OTIS-SO   2-</th><th>  Handle   SAMPLE   COCATION CODE   PARAMETER   RESULT GUALIFIER   UNITS PLCTOR   LINET GROUP   CACATION CODE   PARAMETER   RESULT GUALIFIER   UNITS PLCTOR   LINET GROUP   LAB METHOD   LINET GROUP   LINES   STATES   STATES   STATES   LINES   STAT</th><th>  Harris   SAMPLE   LOCATION CODE   PARAMETER   RESULT QUALIFIER   INNTS   FACTOR   LIMIT   GROUP   CHATTES   SWEZGOB   LINISTIC   CO-CLASS  </th><th>  Marie   SAMPLE   LOCATION CODE   PURPOSE   PARAMETER   RESULT QUALIFIER   INITS   PLACTOR   LIMIT   GROUP   CHART   CACTOR   LIMIT   GROUP   CHART   CACTOR   CACT</th><th>94MPLE         SAMPLE         PARAMETER         PARAMETER         PRESULT GUALHERR         PRESULT GUALHERR         DUITTON         DEFCTOR         UNITTON         CALVATER         SWR200B           H901R2         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         2.5         ug/L         1         2         VOLATIES         SWR200B           H901R2         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         0.84         1         2         VOLATIES         SWR200B           H901R3         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         0.84         1         0         VOLATIES         SWR200B           H901R3         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         0.84         1         0         VOLATIES         SWR200B           H901R3         21-0c4-04         FRAMWIZC         FEG         Acetace         0.84         1         0         VOLATIES         SWR200B           H901R5         21-0c4-04         FRAMWIZC         FEG         Acetace         0.84         1         1         VOLATIES         SWR200B           H901R5         21-0c4-04         BRP-OL4-01BBO         FEG         1-1-</th><th>Model         SAMPLE         SAMPLE         PARAMETER         PARAMETER         RESULT GUALLIFER INTITY         PARAMETER         PARAMETER         PARAMETER         LABORIZATION CODE         PARAMETER         PARAMETER         PARAMETER         PARAMETER         LABORIZATION CODE         PARAMETER         PARAMETER         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         LABORIZATION CODE        
LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE</th><th>6 AMPLE         LOCATION CODE         9 AMPLE PARAMETER         PRIAMETER         REGULT QUALHER         PRIAMETE</th><th>9AMPLE         LOCATION CODE         9AMPLE PARAMETER         PARAMETER         REGULT QUALHER         INTITY QUALHER         DULITYON DILITYON DETECT UNITY CAROLUM         CATOLITIES SWIZZONE           H90105         21-Obd-40         GD-DM-122S         FD         ch-12-Dishdecether         2.5         ught         1         0         0         CATOLITES SWIZZONE         1         0         CATOLITES SWIZZ</th><th>θAMPLE         LAMPLE         LOCATION CODE         BAMPLE PARAMETER         PREAMETER OUTLING         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER PARAMETER         PREAMETER PARAMETER PA</th><th>θAMPLE         LOCATION CODE         PARAMETER         RESULT OULLING         INTITY         FACTOR         LUMPOR         DEFECT         COLVILES         SWAR200B           H30012         2.10-0c4         0.5-DM-1235         FB         Trichlocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30012         2.10-0c4         0.5-DM-1235         FB         Trichlocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30012         2.10-0c4         0.5-DM-1235         FBG         DE-12-Dichlocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30012         8.0-0c4-OH         0.5-SO-M         REG         Chichrocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30018         8.0-C4-OH         0.5-C4-OH</th><th>AMPLE         LOCATION CODE         344P/E         PARAMETER         REBULT GUALUNE DETECT         PARAMETER         REBULT GUALUNE DETECT         GENT GUALUNE DETECT         CALVILLES         STANDOR           H450112         21-0c4c0         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1239         UpL         1         0.5-DM-1248         SWIR200B         RFG         0.5-DM-1248&lt;</th><th>9.948PLE         5.448PLE         CASANDELA         PRIAMETRIS</th></t<> | SAMPLE         SAMPLE         LOCATION CODE         SAMPLE         PARAMETER         RESULT QUALLIFIER         UNITS         FACTOR LIMIT         UNITS         LABOTES    
    LABOTES         LABOTES | SAMPLE         LOCATION CODE         PARAMETER         RESULT QUALIFIER         PRILL TONION DETECT         UNITS         FACTOR         LUMIT         PARAMETER | SAMPLE         SAMPLE         DATE         LOCATION CODE         PARAMETER         PERSULT QUALIFIER         UNITS         PALUTION         DILUTION         DEFECT         USE TEST         LAB METHOD           NO         DATE         LOCATION CODE         PURPOSE         Trichlorosthene         0.7         ug/L         1         0.5         VOLATILES         SW8260B           LH30152         21-Oct-04         06-DM-123S         REG         Trichlorosthene         0.5         ug/L         1         0.5         VOLATILES         SW8260B           LH30153         21-Oct-04         06-DM-123S         REG         Trichlorosthene         0.3         ug/L         1         0.5         VOLATILES         SW8260B           LH30154         B-Oct-04         07-520-M         REG         Trichlorosthene         0.23         ug/L         1         0.0         VOLATILES         SW8260B           LH30154         B-Oct-04         FTA2-MW02C         REG         Trichlorosthene         0.23         ug/L         1         0         VOLATILES         SW8260B           LH30166         21-Oct-04         FTA2-MW02C         REG         Chlorosthene         0.23         ug/L         1         0         VOLATILES         SW8260B | SAMPLE         SAMPLE         CACATION CODE         PARAMETER         RESULT QUALLIFIER         UNITS         DILUTION         DELETOR         UNITS         CACATION         DILUTION         DELETOR         UNIT         CACATION         DILUTION         DELETOR         UNIT         CACATION         DILUTION         DELETOR         UNIT         CACATION         CACATIC CACATION         CACATIC CACATION         CACATIC CACATIC CACATION         CACATIC CACATIC CACATION         CACATIC CACATIC CACATIC CACATION         CACATIC CA | SAMPLE         SAMPLE         CAMPLE         SAMPLE         PARAMETER         RESULT QUALIFIER         UNITS         FACTOR         LIMIT         GRED TEST         LAB METHOD           NO         DATE         COLOCHOL         05 DM-123S         FD         de-1.2-Dichlorosthene         0.7         ug/L         1         0.5         VOLATILES         SW8260B           LH30152         21-Oct-Od         05-DM-123S         FREG         de-1.2-Dichlorosthene         0.5         ug/L         1         0.5         VOLATILES         SW8260B           LH30152         21-Oct-Od         05-DM-123S         FREG         de-1.2-Dichlorosthene         0.53         ug/L         1         0.5         VOLATILES         SW8260B           LH30154         B-Oct-Od         07-820-M         REG         Chichocheratene         0.25         ug/L         1         0.5         VOLATILES         SW8260B           LH30154         B-Oct-Od         07-820-M         REG         Chichocheratene         0.25         ug/L         1         0.5         VOLATILES         SW8260B           LH30164         B-Oct-Od         BMP-OLU4-DIB-OG         REG         Chichocheratene         0.22         ug/L         1         0.5         VOLATILES         S | 9AMPLE         SAMPLE         CACATION CODE         9AMPLE         PARAMETER         RESULT QUALIFIER         PRILT QUALIFIER         PARTICO         P | 94MPLE         5AMPLE         LOCATION CODE         PARAMETER         RESULT QUALIFIER         INIT         PATTOR         LIMIT         GROUP         LAB METHOD           H0301E2         21-00-04         05-DM-1223         FD         Trichlorosthene         0.7         ug/L         1         0.5         VOLATILES         SW8260B           LH301E2         21-00-04         05-DM-1223         FEG         dr-12-Dichlorosthene         0.64         ug/L         1         0.5         VOLATILES         SW8260B           LH301E3         21-00-04         05-BM-1235         REG         dr-12-Dichlorosthene         0.64         ug/L         1         0.5         VOLATILES         SW8260B           LH301E4         8-Oct-04         07-820-M         REG         dr-12-Dichlorosthene         0.25         ug/L         1         0         VOLATILES         SW8260B           LH301E4         8-Oct-04         07-820-M         REG         Ghiorosthene         0.25         ug/L         1         0         VOLATILES         SW8260B           LH301E4         8-Oct-04         FTA2-MV02C         REG         Chiorosthene         0.22 J         ug/L         1         0         VOLATILES         SW8260B           LH301E4 | 94MPLE         5AMPLE         LOCATION CODE         PARAMETER         PRESULT QUALIFIER         INITY         PALTON         LUBRITY         GROUP         LAB METHOD           H0901E2         21-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct-Oct | 9AMPLE         5AMPLE         PARAMETER         RESULT QUALIFIER         UNITS         PARAMETER         RESULT QUALIFIER         UNITS         PARAMETER         LABBRETOR         LIMIT         GRET TST         LABBRETOR           LH30152         21-0c4-04         06-DM-1235         FD         del-12-Dichlorosthene         2.5         ug/L         1         0.5         VOLATLES         SW8206B           LH30152         21-0c4-04         06-DM-1235         FD         del-12-Dichlorosthene         0.5         ug/L         1         0.5         VOLATLES         SW8206B           LH30153         21-0c4-04         06-DM-1235         FEG         Tichlorosthene         0.64         ug/L         1         0.0         VOLATLES         SW8206B           LH30154         6-Oct-04         07-620-M         REG         Thichlorosthene         0.85 Jug/L         1         0.0         VOLATLES         SW8206B           LH30164         6-Oct-04         07-620-M         REG         Thichlorosthene         0.25 Jug/L         1         0.0         VOLATLES         SW8206B           LH30164         6-Oct-04         FAZAMW02C         REG         Chicrobentere         0.25 Jug/L         1         0.0         VOLATLES         SW8206B | 9AMPLE         CAMPLE         CAMPLE         CAMPLE         PARAMETER         RESULT QUALIFIER         RESULT QUALIFIER         PATON         DETECT         USET FET TABABETHO         LAB METHOD           NO         21-Oct-od         06-DM-123S         FD         Trichlorosthene         2.5         Ug/L         1         2         VOLATLES         SWAR206B           LH3015S         21-Oct-od        
06-DM-123S         FD         Trichlorosthene         2.5         Ug/L         1         2         VOLATLES         SWAR206B           LH3015B         21-Oct-od         05-DM-123S         REG         Trichlorosthene         2.3         Ug/L         1         2         VOLATLES         SWAR206B           LH3016B         6-Oct-od         07-5EO-M         REG         Gri-12-Dichlorosthene         0.25         Ug/L         1         0         VOLATLES         SWAR206B           LH3016B         6-Oct-od         07-5EO-M         REG         Gri-12-Dichlorosthene         0.25         Ug/L         1         0         VOLATLES         SWAR206B           LH3016B         6-Oct-od         BIRDO-UL-O1B-O         REG         Gri-12-Dichlorosthene         0.22         Ug/L         1         VOLATLES         SWAR206B | 9AMPLE         CAMPLE         CAMPLE         CAMPLE         PARAMETER         PARAMETER         RESULT QUALIFIER         PARTICOLATION         DATE         PARAMETER         PA | Marce   SAMPLE   SAMPLE   COCATION CODE   PURPOSE   PLANANETER   RESULT QUALIFIER   UNITS   PLCTOR   LMT   GROUP   CACATION CODE   LH301122   21-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   2.5   ug/L   1   0.5   VOLATIES   SW2206   LH301122   21-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   2.5   ug/L   1   0.5   VOLATIES   SW2206   LH30112   21-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   2.5   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Oc-DM-1235   FD   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIB-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIB-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIB-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30112   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30206   2-Oct-Od   SMP-OUL-OTIS-SO   REG   Trichlocontinene   0.25   ug/L   1   0.5   VOLATIES   SW2206   LH30206   2-Oct-Od   SMP-OUL-OTIS-SO   2-Oct-Od   SMP-OUL-OTIS-SO   2-Oct-Od   SMP-OUL-OTIS-SO   2- | Handle   SAMPLE   COCATION CODE   PARAMETER   RESULT GUALIFIER   UNITS PLCTOR   LINET GROUP   CACATION CODE   PARAMETER   RESULT GUALIFIER   UNITS PLCTOR   LINET GROUP   LAB METHOD   LINET GROUP   LINES   STATES   STATES   STATES   LINES   STAT | Harris   SAMPLE   LOCATION CODE   PARAMETER   RESULT QUALIFIER   INNTS   FACTOR   LIMIT   GROUP   CHATTES   SWEZGOB   LINISTIC   CO-CLASS | Marie   SAMPLE   LOCATION CODE   PURPOSE   PARAMETER   RESULT QUALIFIER   INITS   PLACTOR   LIMIT   GROUP   CHART   CACTOR   LIMIT   GROUP   CHART   CACTOR  
CACTOR   CACT | 94MPLE         SAMPLE         PARAMETER         PARAMETER         PRESULT GUALHERR         PRESULT GUALHERR         DUITTON         DEFCTOR         UNITTON         CALVATER         SWR200B           H901R2         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         2.5         ug/L         1         2         VOLATIES         SWR200B           H901R2         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         0.84         1         2         VOLATIES         SWR200B           H901R3         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         0.84         1         0         VOLATIES         SWR200B           H901R3         21-0c4-04         0c-DM-1235         FEG         de-1_2-Disclocardene         0.84         1         0         VOLATIES         SWR200B           H901R3         21-0c4-04         FRAMWIZC         FEG         Acetace         0.84         1         0         VOLATIES         SWR200B           H901R5         21-0c4-04         FRAMWIZC         FEG         Acetace         0.84         1         1         VOLATIES         SWR200B           H901R5         21-0c4-04         BRP-OL4-01BBO         FEG         1-1- | Model         SAMPLE         SAMPLE         PARAMETER         PARAMETER         RESULT GUALLIFER INTITY         PARAMETER         PARAMETER         PARAMETER         LABORIZATION CODE         PARAMETER         PARAMETER         PARAMETER         PARAMETER         LABORIZATION CODE         PARAMETER         PARAMETER         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         PARAMETER         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE         LABORIZATION CODE | 6 AMPLE         LOCATION CODE         9 AMPLE PARAMETER         PRIAMETER         REGULT QUALHER         PRIAMETE | 9AMPLE         LOCATION CODE         9AMPLE PARAMETER         PARAMETER         REGULT QUALHER         INTITY QUALHER         DULITYON DILITYON DETECT UNITY CAROLUM         CATOLITIES SWIZZONE           H90105         21-Obd-40         GD-DM-122S         FD         ch-12-Dishdecether         2.5         ught         1         0         0         CATOLITES SWIZZONE         1         0         CATOLITES SWIZZ | θAMPLE         LAMPLE         LOCATION CODE         BAMPLE PARAMETER         PREAMETER OUTLING         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER         PREAMETER PARAMETER PARAMETER         PREAMETER PARAMETER PA | θAMPLE         LOCATION CODE         PARAMETER         RESULT OULLING         INTITY         FACTOR         LUMPOR         DEFECT         COLVILES         SWAR200B           H30012         2.10-0c4         0.5-DM-1235         FB         Trichlocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30012         2.10-0c4         0.5-DM-1235         FB         Trichlocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30012         2.10-0c4         0.5-DM-1235         FBG         DE-12-Dichlocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30012         8.0-0c4-OH         0.5-SO-M         REG         Chichrocrowlene         0.5-S         9LL         1         0.5         VOLVILES         SWAR200B           H30018         8.0-C4-OH         0.5-C4-OH | AMPLE         LOCATION CODE         344P/E         PARAMETER         REBULT GUALUNE DETECT         PARAMETER         REBULT GUALUNE DETECT         GENT GUALUNE DETECT         CALVILLES         STANDOR           H450112         21-0c4c0         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1238         RFG         0.5-DM-1239         UpL         1         0.5-DM-1248         SWIR200B         RFG         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248  
      0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248         0.5-DM-1248< | 9.948PLE         5.448PLE         CASANDELA         PRIAMETRIS |

Table J1 WPAFB LTM Basewide VOC Analytical Data (Detects Only) - October 2004 Page 3 of 5

					2	Page 3 or 5						
GROUP	SAMPLE	SAMPLE	LOCATION CODE	SAMPLE PURPOSE	PARAMETER	RESULT QUALIFIER	UNITS	DILUTION DETECT FACTOR LIMIT	DETECT	USER TEST GROUP	LAB METHOD	SAMPLE DELIVERY GROUP
SQ_8	LH30175	14-Oct-04	CW05-055	£	Chlorobenzene	0.27 J	γβn	-	1	VOLATILES	SW8260B	A4J160188
00_05	LH30175	14-Oct-04	CW05-055	e	cis-1,2-Dichloroethene	3.4	γgn	-	0.5	VOLATILES	SW8260B	A4J160188
00_08	LH30175	14-0ct-04	CW05-055	6	2-Butanone	2.9 3	J/gn	-	₽	VOLATILES	SW8260B	A4.7160188
90,00	LH30175	14-Oct-04	CW05-055	£	Trichloroethene	0.98 ქ	√gu	-	2	VOLATILES	SW8260B	A4J160188
OU_05	LH30176	14-Oct-04	CW05-055	REG	Chlorobenzene	0.27 J	Αğ.	_	<b>-</b> ,	VOLATILES	SW8260B	A4J160188
00_05	LH30176	14-0ct-04	CW05-055	REG	cis-1,2-Dichloroethene	3.5	Zg.	-	0.5	VOLATILES	SW8260B	A40160188
OU 05	LH30176	14-Oct-04	CW05-055	REG	Trichloroethene	1.3	NO/	-	2	VOLATILES	SW8260B	A4J160188
90_00	LH30177	12-Oct-04	CW05-085	REG	cis-1,2-Dichloroethene	4.3 D	ug/L	1.43	0.72	VOLATILES	SW8260B	A4J140111
00_05	LH30177	12-Oct-04	CW05-085	REG	Vinyl chloride	0.46 JD	γgn	54.1	4.	VOLATILES	SW8260B	A4J1401111
00_05	LH30177	12-Oct-04	CW05-085	REG	Trichloroethene	43 D	ug/L	1.43	2.9	VOLATILES	SW8260B	AAJ140111
30_UO	LH30178	21-Oct-04	CW07-055	REG	Acetone	1.3 J	ηď	-	10	VOLATILES	SW8260B	A4J220165
00_0s	LH30178	21-04-04	CW07-055	REG	Chloromethane	0.29 ე	호	<b>-</b>	~	VOLATILES	SW8260B	A4J220165
00_08	LH30178	21-Oct-04	CW07-055	REG	2-Butanone	1.4 J	υg/L	1	2	VOLATILES	SW8260B	A4J220155
OU_05	LH30179	14-Oct-04	CW10-055	REG	cis-1,2-Dichloroethene	3.2	7⁄5n	-	9.0	VOLATILES	SW8260B	A4J160188
90 00	LH30179	14-Oct-04	CW10-055	REG	Acetone	1.5 J	νg/	-	2	VOLATILES	SW8260B	A4U160188
96	LH30179	14-0ct-04	CW10-055	REG	2-Butanone	O.44 J	궣	-	2	VOLATILES	SW8260B	A4J160188
00.00	LH30179	14-Oct-04	CW10-055	REG	Trichloroethene	4.1	Ą	-	N	VOLATILES	SW8260B	A4J160188
8	LH30184	14-001-04	H-11	REG	cls-1,2-Dichloroethene	20 D	78	1.43	0.72	VOLATILES	SW8260B	A4J160188
8	LH30184	14-001-04	5-	REG	trans-1.2-Dichloroethene	1.10	궣	1.43	0.72	VOLATILES	SW8260B	A4J160188
50 00	LH30184	14-00-04	구-	REG	Chloromethane	0.2 JD	궣	54.	2.9	VOLATILES	SW8260B	A4J160188
00 00	LH30184	14-Oct-04	<b>4</b>	REG	Vinyl chloride	0.43 JD	支	1.43	4.	VOLATILES	SW8260B	A4J160188
90,00	LH30184	14-04-04	<b>년</b>	R	Trichioroethene	8.5 D	궣	5	5.9	VOLATILES	SW8260B	A4J160188
00 00	LH30185	14-Oct-04	HD-12M	REG	Chloromethane	0.3 J	υgγ	-	2	VOLATILES	SW8260B	A4J160188
9	LH30185	14-Oct-04	HD-12M	REG	Trichloroethene	0.5 J	ug/L	1	2	VOLATILES	SW8260B	A4J160188
OU_05	LH30186	14-Oct-04	HD-12S	REG	Tetrachloroethene	2.7	√gv	-	_	VOLATILES	SW8260B	A4J160188
OU_05	LH30186	14-Oct-04	HD-12S	REG	Acetone	1.3 J	γgn	-	2	VOLATILES	SW8260B	A4J160188
00_05	LH30186	14-Oct-04	HD-12S	REG	Bromomethane	0.4 JB	√g/	-	81	VOLATILES	SW8260B	A4J160188
00_05	LH30186	14-Oct-04	HD-12S	REG	Chloromethane	0.38 ქ	ug/L	1	2	VOLATILES	SW8260B	A4J160188
00_0s	LH30187	14-Oct-04	HD-13D	REG	1,2-Dichloroethane	1.2	ηβη	-	-	VOLATILES	SW8260B	A4J160188
90_00	LH30187	14-Oct-04	HD-13D	REG	cis-1,2-Dichloroethene	16	ηgη	-	0.5	VOLATILES	SW8260B	A4J160188
OU_05	LH30187	14-Oct-04	HD-13D	REG	trans-1,2-Dichloroethene	99.0	Λgγ	-	0.5	VOLATILES	SW8260B	A4J160188
00_05		14-Oct-04	HD-13D	REG	Acetone	0.88 J	γď	-	은	VOLATILES	SW8260B	A4J160188
00_05	LH30187	14-Oct-04	HD-13D	REG	Chloromethane	0.3 ქ	7gn	-	8	VOLATILES	SW8260B	A4J160188
OU_05	LH30187	14-Oct-04	HD-13D	REG	Vinyl chloride	0.37 J	ng/L	-	-	VOLATILES	SW8260B	A4J160188
00 00	LH30187	14-Oct-04	HD-13D	REG	2-Butanone	0.56 J	ng/L	-	ဍ	VOLATILES	SW8260B	A4J160188
00_05	LH30188	14-0ct-04	HD-13S	8	Ethylbenzene	0.23 J	ηgη	-	-	VOLATILES	SW8260B	A4J160188
00_05	LH30188	14-Oct-04	HD-13S	8	Toluene	<b>寸</b> .	√gv	-	_	VOLATILES	SW8260B	A4J160188
90_00 -	LH30188	14-04-04	HD-13S	9	Total Xylenes	, 	ug/L	_	- '	VOLATILES	SW8260B	A4.160188
OU_05	LH30188	14-Oct-04	HD-13S	8	Acetone	9	Αğı	-	2	VOLATILES	SW8260B	A4J160188
OU_05	LH30188	14-Oct-04	HD-13S	8	Benzene	0.38	ዿ	-	_	VOLATILES	SW8260B	A40160188
00_05		14-0ct-04	HD-13S	8	Chloromethane	0.29 J	γgη	-	ď	VOLATILES	SW8260B	A4J160188
00_05		14-Oct-04	HD-13S	AB B	2-Butanone	0.78 J	ηgη	-	2	VOLATILES	SW8260B	A4J160188
30_UO	LH30189	14-Oct-04	HD-13S	REG	Chlorobenzene	<del>.</del>	ng/L	-	<b>-</b>	VOLATILES	SW8260B	A4J160188
00_0s	LH30189	14-Oct-04	HD-13S	REG	cis-1,2-Dichloroethene	8.8	ηgγ	-	0.5	VOLATILES	SW8260B	A4J160188
00_06	LH30189	14-Oct-04	HD-13S	REG	Benzene	0.49 J	γgν	-	-	VOLATILES	SW8260B	A4J160188
OU_05	LH30189	14-Oct-04	HD-13S	REG	Chloromethane	0.14 J	√g/	-	8	VOLATILES	SW8260B	A4J160188
OU 05	LH30189	14-Oct-04	HD-13S	REG	Vinyl chloride	1	ug/L	-	-	VOLATILES	SW8260B	A4J160188

Table J1
WPAFB LTM Basewide VOC Analytical Data (Detects Only) - October 2004
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					F&	Page 4 of 5						
GROUP	JP SAMPLE R NO	SAMPLE	LOCATION CODE	SAMPLE	PARAMETER	RESULT QUALIFIER	UNITS	DILUTION	DETECT	USER TEST GROUP	LAB METHOD	SAMPLE DELIVERY GROUP
S .	35 LH30180	14-0ct-04	MW131M	REG	cis-1,2-Dichloroethene	2.2	Ą	-	0.5	VOLATILES	SW8260B	A4J160188
3	05 LH30190	14-0ct-04	MW131M	REG	Vinyl chloride	11	γgη	-	-	VOLATILES	SW8260B	A4J160188
00_05			MW131S	REG	Tetrachloroethene	0.49 J	Å,	-	- 1	VOLATILES	SW8260B	A4J160188
S-8		1-04-04-04-04-04-04-04-04-04-04-04-04-04-	MW131S	<u> </u>	cis-1,2-Dichloroethene	68.0	ξ,		5.0	VOLATILES	SW8260B	A4J160188
8 6	$\dagger$	+	SIGLAM		Inchloroemene	0.20			,	VOLATE ES	CWesenb	A4 1460168
8 6	25 LH30192	4 5	MW132S	2 0	i errachioroemene	7 4	ğ <u>ş</u>	- •	- 4	VOLATIES	SWASAGE	A4.140188
8 8			MW 1323	5 0	Chlommethane	0.47.1	3 5		} ~	VOLATILES	SW8260B	A4J160188
200		_	MW132S	8 8	2-Butanone	0.57 J	3		ء د	VOLATILES	SW8260B	A4J160188
8		_	MW132S	REG	Trichloroethene	26	υg/L	-	2	VOLATILES	SW8260B	A4J160188
8		╀╌	CW03-77	REG	Tetrachloroethene	0.71 J	γgη	-	-	VOLATILES	SW8260B	A4J140111
റ	DH30173	12-Oct-04	CW03-77	REG	Trichloroethene	0.98 J	셯	-	2	VOLATILES	SW8260B	A4J140111
OU_10	-	Ŀ	23-578-M	REG	Tetrachloroethene	5.1	Å,	<b>,</b> ,	<b>-</b> ;	VOLATILES	SW8260B	A4.0220155
S :			23-578-M	REG D	Acetone	0.83	<b>4</b>		۶ ۹	VOLATILES	SW8260B	A4.0220165
9	†	+	23-578-M	HEG PT PT PT PT PT PT PT PT PT PT PT PT PT	Inchloroethene	0.5		-[-	,	VOLATE ES	SWOZOUD	A4 000166
00.79			CHP4-MW01	ָ ֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֓	l etrachioroe(nene		\$ 1	- •	- \$	VOLATI ES	SWeden	A4.020165
2 5	1 H301/2		CHP4-MW03	֭֓֞֞֝֞֟֞֟֓֓֓֟֟֟ ֓֓֞֞֞֓֞֓֞֓֞֞֓֞֞֓֞֞֩֞֞֓֞֞֞֩֞֞֓֞֞֩֞֡	Chloroform	. E.A.O	3 3		2 -	VOLATILES	SW8260B	A4J220165
3 2	t	╄	GB.330	P.F.G	Tetrachlomethene	63 D	Z	8	2	VOLATILES	SW8260B	A4J220155
90	╁	╄	GR-333	REG	Tetrachloroethene	0.76 J	궣	-	-	VOLATILES	SW8260B	AAJ220155
18			GR-333	REG	Acetone	1.3 J	궣	-	9	VOLATILES	SW8260B	AAJ220155
9			GR-333	REG	Chloroform	0.86 J	ዿ	-	-	VOLATILES	SW8260B	AAJ220155
00 10	IO LH30182	20-04-04	GR-333	REG	1,1,1-Trichloroethane	0.21 J	궣	-	-	VOLATILES	SW8260B	AAJ220156
S 5_13	_		GR-333	EG.	Chloromethane	0.31 J	Z,	-	cu ·	VOLATILES	SW8260B	A4J220165
OU 10		20-Oct-04	GR-333	REG	Trichloroethene	1.1 J	Z Z	-	~	VOLATILES	SW8260B	A4J220155
OU_10			GR-334	8 8 8	Acetone	12.7	<b>1</b>	- ,	္ (	VOLATILES	SW8260B	A4.0220155
00	+	7	GR-334	<u> </u>	Chloromethane	0.22.0	<b>5</b> 5	-[-	,	VOLATE ES	SW6Z6UB	AA IOOOOO
2 5	1 H30195	4 5 5	NEA-MW3/-1D	ב מ מ מ מ מ	Ether, tert-butyl methyl	2.58	9 5		۵ و	VOLATILES	SW8260B	A4.1090223
000	$\dagger$	╀	OU10-MW-03S	REG	Tetrachloroethene	5.2	78		-	VOLATILES	SW8260B	A4J160188
8			OU10-MW-03S	REG	Chloroform	0.16 J	ng∕L	-	1	VOLATILES	SW8260B	A4J160168
OU_10	10 LH30197	14-Oct-04	OU10-MW-06D	REG	Tetrachloroethene	0.45 J	γď	1	-	VOLATILES	SW8260B	A4J160188
00_10	10 LH30198	14-Oct-04	OU10-MW-06S	REG	Trichloroethene	-	γgη	-	2	VOLATILES	SW8260B	A4J160188
OU_10		-	OU10-MW-11D	និដ	Tetrachloroethene	2.3	8			VOLATILES	SW8260B	A4J140111
2 5	LH30199	25.55	OCTO-MW-11D	5 0	Trichlomethene	6 8 6	<b>3</b> 5		- ~	VOLATILES	SW8260B	A4J140111
200	+	╀	OU10-MW-11S	REG	Tetrachloroethene	13	궣	-	-	VOLATILES	SW8260B	A4J140111
당	_		OU10-MW-11S	REG	Chloroform	0.29 J	ug/L	-	-	VOLATILES	SW8260B	A4J140111
OU_15	10 LH30201	20-04-04	OU10-MW-19D	REG	Tetrachloroethene	0.27 J	γĝη	-	-	VOLATILES	SW8260B	A4J220155
9 1	10 LH30201	20-Oct-04	OU10-MW-19D	REG	Carbon tetrachloride	0.38 J	ηď	-	-	VOLATILES	SW8260B	AAJ220155
8 년	10 LH30201	20-04-04	OU10-MW-19D	REG	Acetone	J. 6.1	な	_	우	VOLATILES	SW8260B	A4J220165
&_5 ₽_5		20-04-04	OU10-MW-19D	REG	Chloroform	-	Å,	<b>-</b>	_	VOLATILES	SW8260B	A4JZ20155
8	10 LH30201	20-Oct-04	OU10-MW-19D	REG	Trichloroethene	3.2	7gn		2	VOLATILES	SW8260B	A4J220155
00_10	-	8-Oct-04	OU10-MW-21S	REG	Carbon tetrachloride	1.3	νg,	_	- :	VOLATILES	SW8260B	A4J090223
S :			OU10-MW-21S	REG	Acetone	0.8.0	β,	- ,	۰.	VOLATILES	SW8260B	A4.1090223
8 6 8 6			OU10-MW-21S	2 G	Chloreform	0.3	ğ ;	- •	- 0	VOLATILES	SW8260B	A4.1090223
3	חשמקתה חו	9-CG-04	CO10-MW-213	200	a le	1		•	200	2002011		

WPAFB LTM Basewide VOC Analytical Data (Detects Only) - October 2004 Table J1

		_	_	_	_					_	_			_	_			_	_	_			_		_	_
	SAMPLE DELIVERY GROUP	A4J160188	A4J160188	A4J160188	A4J090223	A4J090223	A4J090223	A4J090223	A4J090223	A4J140111	A4J140111	A4J140111	A4J160188	A4J160188	A4J160188	A4J160183	A4J160183	A4J160183	A4J160183	A4J220155	A4J220155	AAJ220155	A4J220155	A4J220155	A4J220156	A4J220165
	LAB METHOD	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B	SW8260B
	USER TEST GROUP	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES	VOLATILES
	DETECT LIMIT	1	-	1	1	-	2	-	10		2	10	1	2	10	1	-	2	10	1	2	-	10	1	9	10
	DILUTION DETECT FACTOR LIMIT	1	-	1	•	-	-	-	1	1	-	-	•	-	1	1	-	-	1	•	-	-	1	1	-	-
Page 5 of 5	UNITS	γån	J/gn	√gu	7/ôn	ል	γgn	Jon J	ug/L	7∕6n	Υğ	γgη	√gn	Λgu	ηď	√on	Ą	궣	Z Z	셯	Ŕ	호	My.	√gn	ፙ	ηδη
	RESULT QUALIFIER	6.1	0.16 J	5.9	ს 67.0	0.85 J	3.1 J	0.4 J	1.1 J	C 79.0	1.4 J	3.7 J	ს 67.0	1.9 J	5.8 J	0.71 J	ი.89 კ	3.1 J	1.1 J	0.83 J	5.4 J	0.31 J	ន	0.71 J	1.8 J	2.3 J
	PARAMETER	Tetrachloroethene	Chloroform	Tetrachloroethene	Toluene	Total Xylenes	Acetone	Benzene	2-Butanone	Toluene	Acetone	2-Butanone	Toluene	Acetone	2-Butanone	Toluene	Total Xylenee	Acetone	2-Butanone	Toluene	Acetone	Benzene	2-Butanone	Toluene	Acetone	2-Butanone
	SAMPLE	£	6	REG	1B	色	<b>E</b>	Ð	<b>P</b>	鉭	色	<b>B</b>	18	色	<b>£</b>	18	色	色	色	百	色	臣	色	ΤB	Æ	<u> 1</u>
	LOCATION CODE	OU10-MW-25S	OU10-MW-25S	OU10-MW-26S	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDQC
	SAMPLE DATE	14-0ct-04	14-Oct-04	14-Oct-04	8-Oct-04	8-Oct-04	8-Oct-04	8-Oct-04	8-Oct-04	12-Oct-04	12-0ct-04	12-0ct-04	14-Oct-04	14-0ct-04	14-Oct-04	15-001-04	15-0ct-04	15-001-04	15-001-04	19-Oct-04	19-001-04	19-04-04	19-Oct-04	21-001-04	21-04-04	21-0ct-04
	SAMPLE	LH30203	LH30203	LH30204	LH30212	LH30212	LH30212	LH30212	LH30212	LH30213	LH30213	LH30213	LH30214	LH30214	LH30214	LH30215	LH30215	LH30215	LH30215	LH30216	LH30216	LH30216	LH30216	LH30217	LH30217	LH30217
	GROUP	OU 10	00 10	OU 10	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC	FIELDOC

Notes:
This table displays only the detected parameters at each sampling location. Normal sampling locations not displayed here were either unable to be sampled or had no parameters detected.

ug/L = micrograms per Liter
FD = Field Duplicate
AB = Amblent Blank
TB = Trip Blank

J = Estimated Result. Result less than reporting limit.

B = Method Blank Detection

D = Diluted result